

A guide to the safe use of
SALON HAIR PRODUCTS

SAFETY
DATA SHEETS

IMPORTANT

Keep this book in the Salon
for reference purposes

November 2016

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Additions.

Kao Australia Pty Ltd has received written permission from Accord to alter this guide to comply with various State regulations.

Kao Australia Pty Ltd has attached at the end of this guide a list of all its product codes and the corresponding SDS number for those products.

Kao Australia Pty Ltd also provides the following information:

Manufacturer/Supplier:

Kao Australia Pty Ltd.
Level 2, 293 Camberwell Road 293
3124 Camberwell, Victoria Australia

Contact Number: 03 9834 8600

www.accord.asn.au

PO Box 290 Broadway NSW 2007

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Reasonable care has been taken in preparing this document and the information provided herein is believed to be accurate. However, this information is not intended to constitute an "authoritative statement" nor to be taken as legal advice. Specific expert or legal advice may need to be obtained for interpretation of legislation and requirements and how individual organisations, products, services and activities meet compliance obligations.

INTRODUCTION

Hair preparations should not present a risk to the health and safety of hairdressers or their clients if used sensibly and manufacturers' instructions are followed.

Manufacturers are required by law to supply health and safety information on any products used in hairdressing salons (a place of work) that contain potentially hazardous chemicals. Details must also be provided on the precautions that should be taken to reduce any risks. The information that manufacturers give their customers (including salons, wholesalers and distributors) is contained in this booklet.

The purpose of this booklet is to provide sufficient information on hair products used in salons, for you to make a workplace risk assessment as required by Australia's Hazardous Chemicals Framework. Please note that the exact legislative requirements vary slightly in each state and territory.

This book contains 19 Safety Data Sheets (SDS). They cover the categories of products commonly used in hairdressing salons.

The SDS tells you how to safely handle a product. It provides information for workers and professionals to help them make decisions and to prevent or deal with emergencies.

Use the product lists issued by manufacturers to determine which SDS applies to a particular hair care product.

All manufacturers must supply their customers (salons) with a list specifying which SDS in this booklet is relevant to each of their products. If you do not have such a list, contact your supplier.

If any of the products supplied by manufacturers do not comply with the information in this booklet then the correct information (i.e. product specific SDS) is required to be provided separately.

The information given in this booklet is ONLY PART of what is needed to meet the requirement for workplace risk assessment. Information will also be required on any other products used in the salon which may be hazardous to health, such as those used for cleaning, disinfecting and nail care products. Workplace health and safety (WHS) jurisdictions in the different states and territories support the preparation of this booklet.

2016 Revision – what's new?

In 2012 Australia began to transition to a new international system used to classify and communicate chemical hazards: the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

The GHS will update the way in which information about the hazards of chemicals and any precautions necessary to ensure safe storage, handling and disposal, is conveyed to users of chemicals. The GHS uses pictograms, signal words, and hazard and precautionary statements to communicate this information.

There are some differences between the GHS and the previous system, in particular the criteria for determining whether a product is classified as hazardous may be different. This means that some of

the products that you are familiar with may change classification, or become classified as hazardous for the first time.

If you find that the classification of the products you use has changed, you may need to review your risk assessments and safe working practices to make sure that you can continue to use these products safely.

This publication has been made possible by the following companies:

- American Crew
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A GUIDE TO THE SAFE USE OF SALON HAIR PRODUCTS

The aim of this guide is to provide relevant information on hair products used in salons for you, the hairdresser to make an assessment of possible health and safety risks associated with storing and handling of these products in the environment in which you work.

The guide complies with the requirements of state and territory WHS legislation and related regulations.

The guide is not intended to be a complete encyclopaedia of safety information, rather, it is designed to highlight some of the most important points you should be aware of.

Your regular training, product label information, other safety information that is available to you and use of good judgement on the job will help you avoid injury to yourself, your clients and your fellow employees.

Within the workplace, the SDS is a recognised information source which underpins your overall risk management program to control exposure to hazardous and dangerous materials. The advice contained in the SDS includes information on health effects, exposure control, safe handling and storage, emergency procedures and disposal. For most workplace risk assessments required by WHS legislation, the SDS and the product label are the main information sources. SDSs may also be used as an integral part of your workplace training.

Are professional cosmetic products safe?

A great deal of effort and resources are directed towards product safety on the part of manufacturers and regulators.

However, poor practice resulting in extended skin contact or respiratory exposure to particular products may cause ill health to some hair and beauty practitioners.

Cosmetic products are safe when used according to manufacturers' instructions and recommendations.

Listing of ingredients

All cosmetic products manufactured or imported into Australia must be labelled with a list of ingredients. Listings are normally located on the back or side copy of packs offered for sale. In Australia all cosmetic products (including professional products) are required to list the product's ingredients in accordance with the Trade Practices (Consumer Products Information Standards) (Cosmetics) Regulations 1991. If you are unable to locate this information on the packs you currently use or offer for sale, contact your supplier or distributor and ask that the information be provided to you.

Ingredient lists inform about the substances present in the products. If you, or some of your clients are allergic to certain ingredients, a look at the list will tell you whether those ingredients are present in the product.

This information will help you and your clients avoid unwanted allergic reactions and/or to find products that do not present the potential for that problem. Ingredient names are listed according to a standardised international format and therefore should make no difference as to where the products are sourced from.

To help you avoid ingredients to which you or your clients may be allergic, make sure to find out from a doctor the chemical name or other commonly used names for that ingredient; then compare those names with those on the ingredients list. If you are unsure consult a doctor or the supplier to confirm one way or another.

Safety Data Sheets (SDS)

It is a requirement of state and territory WHS legislation that a safety data sheet be prepared by the manufacturer or the supplier if the product being supplied is assessed as being a hazardous chemical.

This guide has attempted to cover the majority of products supplied to hairdressers and in so doing 19 product groups have been created. Some of the groups list the products contained within them as hazardous, others list the products as non-hazardous. Manufacturers have assessed all product groups and have prepared a SDS for each one of them.

In each case the information provided in the SDS should be read and clearly understood by everyone.

Please keep this guide available in the workplace for employees to look at whenever they wish.

What you can learn from a Safety Data Sheet (SDS)

The SDS enables the user to answer some basic questions.

- a) What is the product I am about to use?
- b) What do I need to know before and while I use it?
- c) What do I do if a hazardous situation occurs?
- d) How can I prevent a hazardous situation from occurring?

The SDS will tell you how to safely handle the product so that you do not place yourself or others at risk. The SDS provides information to both workers and professionals to help them make decisions and to prevent or deal with emergencies. Such people may include managers, supervisors, transport drivers, the police, fire fighters, occupational hygienists, doctors, poisons information centres personnel, government authorities and so on.

These people will often need to know additional technical information associated with the product; information which is not often understood by personnel who have not had specialist training in that area.

For this reason some of the information in a SDS may appear too technical and unnecessary, but you are required by law to make sure all employees know what information is contained in the SDS and what it means for them.

THE SAFETY DATA SHEET – A PLAIN LANGUAGE EXPLANATION

Section 1 - Material and supply company identification

This section describes the product, trade and other associated names it may be known by and its proposed use.

Section 2 - Hazards Identification

This section describes briefly the potential adverse effects of the product if not used correctly such as breathing in too much, or having the product splashed on to areas such as the skin or eyes, or if the product is swallowed. It also discusses if the product has any cancer causing effects.

Precautionary statements describe recommended steps that should be taken to minimise or prevent adverse effects resulting from accidental exposure, or improper storage or handling of a hazardous chemical.

Section 3 - Composition Information This section advises the hazardous chemicals that make up the product and the amount that may be found in each finished product.

Section 4 - First Aid Measures

This section details who you should call and what you should do if the product is inhaled or comes into contact with the skin or eyes, or is swallowed.

Section 5 - Fire Fighting Measures

This section deals with the effects the product may have if it is in a fire, and the firefighting equipment that may be used to deal with it.

Section 6 - Accidental Release Measures

This section discusses how to deal with a substance when there is a spill or if a container breaks.

Section 7 - Handling and Storage

This section discusses how, where and under which conditions the product may need to be stored and if there are any special requirements for handling the product during its use.

Section 8 - Exposure Controls and Personal Protection

This section deals with what safety equipment may be needed when using this product such as gloves or eyewear and the requirements for the area in which the product is being used, such as ventilation and air flow.

Section 9 - Physical and Chemical Properties

This section deals with the chemical properties of the product including the colour and odour that the product may have, also if the product is water soluble.

Section 10 - Stability and Reactivity

This section discusses what may happen over the life of the product and the conditions that it needs to be kept under and/or avoided.

Section 11 - Toxicological Information

This section discusses the effects the product may have on the body both short term and over a long period of use and the classification of any hazardous ingredients.

Section 12 - Ecological Information

This section indicates the effect that possible release or disposal of the product may have on the environment.

Section 13 - Disposal Considerations

This states how to dispose of any residue or waste product.

Section 14 - Transport Information

This section provides basic classification information for the transport of the product by road, rail, sea or air as required by relevant transport legislation.

Section 15 - Regulatory Information

This section states that all the materials used in the manufacture of the product are compliant with Australian legislation. It also deals with special requirements which may apply to individual ingredients.

Section 16 - Other Information

This is used for miscellaneous information.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: FLAMMABLE PRODUCTS

Recommended use: Hair styling preparations, serums and tonics.

Chemical Nature: Blend of ingredients with a flammable solvent.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Flammable Liquids – Category 2 or Category 3

Aspiration Hazard – Category 1

Serious Eye Damage/Irritation – Category 2A

Specific Target Organ Toxicity (Single Exposure) – Category 3

Acute Hazard to the Aquatic Environment – Category 1

Chronic Hazard to the Aquatic Environment – Category 2

Hazard Statement(s)

H225	Highly flammable liquid and vapour (Category 2)
H226	Flammable liquid and vapour (Category 3)
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H410	Very toxic to aquatic life with long lasting effects

Prevention Precautionary Statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, lighting and all other equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust, fume, gas, mist, vapours or spray.
P264	Wash hands, face and all exposed skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response Precautionary Statement(s)

P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statement(s)

P405	Store locked up
P403+233	Store in a well ventilated place. Keep container tightly closed

Disposal Precautionary Statement(s)

P501	Dispose of contents/container in accordance with local, regional, national and international regulations
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Poisons Schedule (Australia): Not applicable

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

Class: 3 Flammable Liquid

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ethanol	64-17-5	5 - 95%
Isopropanol	67-63-0	25 - 95%
Dimethylcyclopolysiloxane (cyclomethicone)	69430-24-6	25 - 95%
Isododecane	31807-55-3	25 - 95%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a wide variety of products based on one of the solvents listed above, and thus is flammable.

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Refer to Supplier's SDS.

Suitable extinguishing media: If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Flammable liquid. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. Do NOT smoke.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Use a spark-free shovel.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 14

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 3 Flammable Liquid as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) -TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Ethanol	1000	1880	-	-	-	-
Isopropanol	400	983	500	1230	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: When handling individual retail packs no personal protection equipment is required. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems:

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local exhaust ventilation. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR

Wear overalls, chemical goggles and impervious gloves. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from natural rubber/polyvinyl chloride (PVC) should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Clear pale yellow liquids, with a mild or characteristic odour.

Solubility:	Usually soluble. If based on isododecane, will be insoluble.
Specific Gravity (20 °C):	0.82 – 0.93
Relative Vapour Density (air=1):	N Av
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	<61
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
pH:	N Av
Viscosity:	N Av

(Typical values only - consult specification sheet)
N Av = Not available N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition. This product should be kept in a cool place, preferably below 30°C.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

Skin contact: Contact with skin may result in irritation. Unlikely to cause anything more than mild discomfort which should disappear once contact ceases.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

Eye contact: An eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. Lengthy exposure or delayed treatment may cause permanent damage.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser.
Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as a Category 1 Hazard.

Specific target organ toxicity (single exposure): This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in depression of the central nervous system.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as a Category Acute 1 Hazard. Acute toxicity estimate (based on ingredients): <1 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 2 Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: Risk of bioaccumulation in an aquatic species is low.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

UN No:	Refer to Supplier's SDS
Dangerous Goods Class:	3 Flammable liquid
Packing Group:	II or III
Hazchem Code:	Refer to Supplier's SDS

Emergency Response Guide No: 14

Proper Shipping Name: Refer to Supplier's SDS

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: Refer to Supplier's SDS
Dangerous Goods Class: 3 Flammable liquid
Packing Group: II or III

Proper Shipping Name: Refer to Supplier's SDS

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: Refer to Supplier's SDS
Dangerous Goods Class: 3 Flammable liquid
Packing Group: II or III

Proper Shipping Name: Refer to Supplier's SDS

Note: This product group may use several different UN numbers, Hazchem codes and Proper Shipping Names. Please refer to the Supplier's SDS for this information.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Organic solvents excluding halogenated solvents

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: PEROXIDE SOLUTIONS, 8 – 12%

Recommended use: Salon product used to mix with hair colours or bleaching products.

Chemical nature: Water solution of hydrogen peroxide.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Serious Eye Damage/Irritation – Category 1
Acute Toxicity – Oral – Category 5

Hazard Statement(s)

H303 May be harmful if swallowed.
H318 Causes serious eye damage

Prevention Precautionary Statement(s)

P102 Keep out of reach of children
P103 Read label before use
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P310 Immediately call a POISON CENTER or doctor/physician

Storage Precautionary Statement(s)

Not allocated

Disposal Precautionary Statement(s)

Not allocated

Poisons Schedule (Australia): S6

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

Class: 5.1 Oxidising Agent

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Hydrogen peroxide	7722-84-1	8 - 12%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically. Can cause corneal burns.

5. FIRE-FIGHTING MEASURES

Hazchem Code: 2R

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Oxidising substance. Non-combustible, but will support combustion of other materials.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Absorb onto suitable absorbent material like vermiculite, sand or kitty litter (but nothing that is combustible like sawdust, rags or paper). Sweep up and shovel or collect recoverable product, and dispose of promptly. After sweeping up, wash area with water. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

LARGE SPILLS

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 31

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour. Refer to section 8 for personal protective equipment guidelines.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 5.1 Oxidising Substance as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES)-TWA		(WES)-STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Hydrogen peroxide	1	1.4	-	-	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: It is recommended that eye protection (safety glasses or goggles) and protective gloves are worn when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local exhaust ventilation. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from natural rubber or PVC should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid skin and eye contact and inhalation of vapour. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Clear colourless or creamy white liquid, odourless.

Solubility:	Soluble in water
Specific Gravity (20 °C):	1.03 – 1.05
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	2 – 4 (mildly acidic)
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: Slowly decomposes to water and oxygen gas - decomposition is faster in warm conditions or if the bottle is in direct sunlight. This product must not be mixed with alkaline perm products as a strong reaction will take place, causing the mixture to heat strongly. This may lead to burns to either the salon worker or the customer.

Chemical stability: This material is thermally unstable.

Hazardous reactions: Reacts with alkaline materials.

Conditions to avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers and surrounding areas well ventilated. Keep isolated from combustible materials. Protect this product from light.

Incompatible materials: Reducing agents and combustible materials.

Hazardous decomposition products: Oxygen gas. These products are likely to decompose only after heating to dryness, followed by further strong heating.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation. Symptoms may include itchiness and bleaching of contacted skin.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. Symptoms may include burning sensation and reddening of skin in mouth and throat.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 5 Hazard. Acute toxicity estimate (based on ingredients): 2,000 – 5,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: Risk of bioaccumulation in an aquatic species is low.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see “Section 8. Exposure Controls and Personal Protection” of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

UN No: 2984
Dangerous Goods Class: 5.1
Packing Group: III
Hazchem Code: 2R
Emergency Response Guide No: 31

Proper Shipping Name: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), toxic gases (Class 2.3), flammable liquids (Class 3), flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), organic peroxides (Class 5.2), radioactive substances (Class 7), corrosive substances (Class 8), fire risk substances or combustible liquids, however exemptions may apply. Also note that fire risk substances including dangerous goods of Class 6 or Class 9, which are fire risk substances, are incompatible with dangerous goods of Class 1, Class 5.1 and Class 5.2.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: 2984
Dangerous Goods Class: 5.1
Packing Group: III

Proper Shipping Name: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 2984
Dangerous Goods Class: 5.1
Packing Group: III

Proper Shipping Name: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Acidic solutions or acids in solid form

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex II - Noxious Liquid Substances carried in Bulk

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: BLEACH POWDERS AND CREAMS

Recommended use: When mixed with solutions containing hydrogen peroxide, bleaches or lightens the colour of hair.

Chemical Nature: Blend of oxidising persulfate salts, alkaline salts and other ingredients.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Oxidising Solids – Category 3
Acute Toxicity – Oral – Category 4
Skin Corrosion/Irritation – Category 2
Serious Eye Damage/Irritation – Category 2A
Sensitisation – Respiratory – Category 1
Sensitisation – Skin – Category 1
Specific Target Organ Toxicity (Single Exposure) – Category 3

Hazard Statement(s)

H272 May intensify fire; oxidizer
H302 Harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation

Prevention Precautionary Statement(s)

P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P220 Keep/Store away from clothing/combustible materials.
P221 Take any precaution to avoid mixing with combustibles.
P261 Avoid breathing dust, fume, gas, mist, vapours or spray.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.
P285 In case of inadequate ventilation wear respiratory protection.

Response Precautionary Statement(s)

P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.

Storage Precautionary Statement(s)

P405	Store locked up
P403+233	Store in a well ventilated place. Keep container tightly closed

Disposal Precautionary Statement(s)

P501	Dispose of contents/container in accordance with local, regional, national and international regulations
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Poisons Schedule (Australia): S6

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some are classified as Dangerous Goods Class 5.1 Oxidising Agent.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ammonium persulfate	7727-54-0	<70%
Sodium persulfate	7775-27-1	<70%
Potassium persulfate	7727-21-1	<70%
Sodium silicate	1344-09-8	<25%
Sodium metasilicate	6834-92-0	<25%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Effects may be delayed. Seek medical advice.

Skin contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically. Effects may be delayed.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Refer to Supplier's SDS.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material. Oxidising substance. If involved in a fire, may intensify the fire.

Firefighting further advice: Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of dust. Collect and seal in properly labelled containers or drums for disposal. Do not clean up small spills with rags or paper.

LARGE SPILLS

Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Refer to Supplier's SDS.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of dust.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some are classified as Dangerous Goods Class 5.1 Oxidising Agent.

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	TWA		STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Ammonium, potassium or sodium persulfate	-	0.1 (Peak Limitation)				

As published by Safe Work Australia.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

Peak Limitation - a ceiling concentration that should not be exceeded over a measurement period, which should be as short as possible, but not exceeding 15 minutes.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing dust mask. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, DUST MASK.

Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Fine to granular white powder, odourless.

Solubility:	Soluble in water
Specific Gravity (20 °C):	N Av
Relative Vapour Density (air=1):	N App
Vapour Pressure (20 °C):	N App
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	When mixed with peroxide solutions, 9 -10. However, as supplied, will give a pH higher than this.
Viscosity:	N App

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: If involved in a fire, material may increase fire's intensity.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: This product must not be mixed with hydrogen peroxide products as a strong reaction will take place, causing the mixture to heat strongly. This may lead to burns to either the salon worker or the customer.

Conditions to avoid: No known conditions to avoid.

Incompatible materials: Combustible materials and reducing agents.

Hazardous decomposition products: No known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material is an irritant to mucous membranes and respiratory tract. A respiratory sensitiser. Can cause possible allergic reactions.

Skin contact: Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Harmful if swallowed. Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 300 - 2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (irritant to skin).

Sensitisation: Inhalation: this material has been classified as a Category 1 Hazard (respiratory sensitiser). Skin: this material has been classified as a Category 1 Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some are classified as Dangerous Goods Class 5.1 Oxidising Agent.

MARINE TRANSPORT

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some are classified as Dangerous Goods Class 5.1 Oxidising Agent.

AIR TRANSPORT

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some are classified as Dangerous Goods Class 5.1 Oxidising Agent.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)

Basel Convention (Hazardous Waste)

International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the *Industrial Chemicals Notification and Assessment (ICNA) Act*.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: PEROXIDE SOLUTIONS, LESS THAN 8%

Recommended use: Salon product used to mix with hair colours or bleaching products as developers or with permanent waves as neutralisers.

Chemical nature: Water solution of hydrogen peroxide.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Warning

Hazard Classification

Serious Eye Damage/Irritation – Category 2A

Hazard Statement(s)

H319 Causes serious eye irritation

Prevention Precautionary Statement(s)

P102 Keep out of reach of children

P103 Read label before use

P264 Wash hands, face and all exposed skin thoroughly after handling.

P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P337+P313 If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statement(s)

Not allocated

Disposal Precautionary Statement(s)

Not allocated

Note: the serious eye irritation category 2A classification only applies to concentrations of 5 – 8% hydrogen peroxide.

Poisons Schedule (Australia): S5

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Hydrogen peroxide	7722-84-1	<8%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible, but will support combustion of other materials.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Absorb onto suitable absorbent material like vermiculite, sand or kitty litter (but nothing that is combustible like sawdust, rags or paper). Sweep up and shovel or collect recoverable product, and dispose of promptly. After sweeping up, wash area with water. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

LARGE SPILLS

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour. Refer to section 8 for personal protective equipment guidelines.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Hydrogen peroxide	1	1.4	-	-	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: It is recommended that eye protection (safety glasses or goggles) and protective gloves are worn when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local exhaust ventilation. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from natural rubber or PVC should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid skin and eye contact and inhalation of vapour. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Clear colourless or creamy white liquid, odourless.

Solubility:	Soluble in water
Specific Gravity (20 °C):	1.01 – 1.03
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av

Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	2 – 4 (mildly acidic)
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: Slowly decomposes to water and oxygen gas - decomposition is faster in warm conditions or if the bottle is in direct sunlight. This product must not be mixed with alkaline perm products as a strong reaction will take place, causing the mixture to heat strongly. This may lead to burns to either the salon worker or the customer.

Chemical stability: This material is thermally unstable.

Hazardous reactions: Reacts with alkaline materials.

Conditions to avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers and surrounding areas well ventilated. Keep isolated from combustible materials. Protect this product from light.

Incompatible materials: Reducing agents and combustible materials.

Hazardous decomposition products: Oxygen gas. These products are likely to decompose only after heating to dryness, followed by further strong heating.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation. Symptoms may include itchiness and bleaching of contacted skin.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. Symptoms may include burning sensation and reddening of skin in mouth and throat.

Eye contact: An eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. Lengthy exposure or delayed treatment may cause permanent damage.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser.

Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: Risk of bioaccumulation in an aquatic species is low.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

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IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: HAIR STYLING PRODUCTS

Recommended use: Products including (but not limited to) muds, gels, waxes, fudges, clays and pomades.

Chemical Nature: Water solution of surfactants and other minor ingredients

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Warning

Hazard Classification

Serious Eye Damage/Irritation – Category 2A

Hazard Statement(s)

H319 Causes serious eye irritation

Prevention Precautionary Statement(s)

P102 Keep out of reach of children

P103 Read label before use

P264 Wash hands, face and all exposed skin thoroughly after handling

P280 Wear protective clothing, gloves and eye/face protection

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statement(s)

Not allocated

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Australia): Not applicable

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Emulsifiers or surfactants	-	<5%
Ingredients determined to be non-hazardous	-	Balance
		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Natural ventilation should be adequate under normal use conditions.

Personal protection equipment: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Viscous liquids, waxes and pastes of various colours and degrees of opacity, various fragrances

Solubility:	Soluble in water
Specific Gravity (20 °C):	0.95 - 1.10
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	3.0 – 8.0
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: No known materials to avoid.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways. No data available for the product. However, for the constituent:

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

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IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: ACID PERMS (ESTER-FREE)

Recommended use: Permanent waving of hair.

Chemical Nature: Water solution of ingredients

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Warning

Hazard Classification

Acute Toxicity – Oral – Category 4

Acute Toxicity – Dermal – Category 5

Acute Toxicity – Inhalation – Category 4

Skin Corrosion/Irritation – Category 2

Serious Eye Damage/Irritation – Category 2A

Sensitisation – Skin – Category 1

Hazard Statement(s)

H302 Harmful if swallowed
H313 May be harmful in contact with skin.
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H332 Harmful If Inhaled

Prevention Precautionary Statement(s)

P102 Keep out of reach of children
P103 Read label before use
P261 Avoid breathing dust, fume, gas, mist, vapours or spray
P264 Wash hands, face and all exposed skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P271 Use only outdoors or in a well-ventilated area
P272 Contaminated work clothing should not be allowed out of the workplace
P280 Wear protective clothing, gloves, eye/face protection and a suitable respirator

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P362 Take off contaminated clothing and wash before reuse.

Storage Precautionary Statement(s)

Not allocated

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Australia): S5

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ammonia	1336-21-6	<0.5%
Hydrogen peroxide	7722-84-1	<3%
Thioglycolic acid, ammonium salt*	5421-46-5	<11%
Thiolactic acid*	79-42-5	<10%
Thiolactic acid, ammonium salt*	13419-67-5	<22%
Ingredients determined to be non-hazardous	-	Balance
		100%

* These concentrations show what is present after mixing. However, as the activator concentrate, they are present at somewhat higher concentrations - as high as 60% of the concentrate mixture.

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically. Effects may be delayed.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye

contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Ammonia	25	17	35	24	-	-
Hydrogen peroxide	1	1.4	-	-	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured liquids with characteristic odours.

Solubility:	Soluble in water
Specific Gravity (20 °C):	1.00 – 1.05
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	7 – 8 (when mixed)
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition. This product should be kept in a cool place, preferably below 30°C. Store away from combustible materials.

Incompatible materials: Reducing agents and combustible materials.

Hazardous decomposition products: Oxides of carbon, nitrogen and sulphur, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant.

Acute toxicity

Inhalation: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 1 - 5 mg/L

Skin contact: This material has been classified as a Category 5 Hazard. Acute toxicity estimate (based on ingredients): 2,000 – 5,000 mg/Kg

Ingestion: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 300 - 2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (irritant to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1 (6.5B NZ) Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: ALKALINE PERMS AND RELAXERS

Recommended use: In-salon preparation for permanent waving of hair.

Chemical Nature: Water solution of ingredients.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Warning

Hazard Classification

Acute Toxicity – Oral – Category 4

Skin Corrosion/Irritation – Category 2

Serious Eye Damage/Irritation – Category 2A

Sensitisation – Respiratory – Category 1

Hazard Statement(s)

H302 Harmful if swallowed
 H315 Causes skin irritation
 H317 May cause an allergic skin reaction
 H319 Causes serious eye irritation

Prevention Precautionary Statement(s)

P102 Keep out of reach of children
 P103 Read label before use
 P261 Avoid breathing fume, gas, mist, vapours or spray
 P264 Wash hands, face and all exposed skin thoroughly after handling
 P270 Do not eat, drink or smoke when using this product
 P272 Contaminated work clothing should not be allowed out of the workplace
 P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P330 Rinse mouth.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P362 Take off contaminated clothing and wash before reuse.

Storage Precautionary Statement(s)

None allocated

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Australia): S5**NEW ZEALAND CLASSIFICATION**

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552**DANGEROUS GOODS CLASSIFICATION**

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ammonia	1336-21-6	<2%
Hydrogen peroxide	7722-84-1	<3%
Thioglycolic acid, monoammonium salt	5421-46-5	<12%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically. Effects may be delayed.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) -TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Ammonia	25	17	35	24	-	-
Hydrogen peroxide	1	1.4	-	-	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES. Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating,

drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured liquid, with a characteristic odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	1.03 – 1.05
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	8.0 - 9.5
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: This product should be kept in a cool place, preferably below 30°C. Protect this product from light.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, sulphur, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 4 Hazard.
Acute toxicity estimate (based on ingredients): 300 - 2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (irritant to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1 Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: HAIR COLOURS (FLAMMABLE LIQUIDS)

Recommended use: Hair colouring preparations

Chemical Nature: Blend of ingredients; solvent is flammable.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Flammable Liquids – Category 3

Acute Toxicity – Oral – Category 5

Skin Corrosion/Irritation – Category 2

Serious Eye Damage/Irritation – Category 1

Sensitisation – Skin – Category 1

Specific Target Organ Toxicity (Single Exposure) – Category 2

Specific Target Organ Toxicity (Single Exposure) – Category 3 – Narcotic Effects

Hazard Statement(s)

H226	Flammable liquid and vapour
H303	May be harmful if swallowed.
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H336	May cause drowsiness or dizziness
H371	May cause damage to organs

Prevention Precautionary Statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, lighting and all other equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust, fume, gas, mist, vapours or spray.
P264	Wash hands, face and all exposed skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

- P101 If medical advice is needed, have product container or label at hand.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P362 Take off contaminated clothing and wash before reuse.

Storage Precautionary Statement(s)

- P405 Store locked up
- P403+235 Store in a well ventilated place. Keep cool

Disposal Precautionary Statement(s)

- P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Australia): S5

WARNING – This product contains ingredients which may cause skin sensitization and / or irritation to certain individuals, and when used for eyelash or eyebrow tinting may cause injury to the eye. A preliminary test according to the accompanying directions should be made before use.

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

Class: 3 Flammable Liquid

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ethanol	64-17-5	<60%
Isopropanol	67-63-0	<60%
Ammonia	1336-21-6	<2%
Ethanolamine	141-43-5	<5%
Resorcinol	108-46-3	<2%
Phenylenediamines	-	<2%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically. Effects may be delayed.

5. FIRE-FIGHTING MEASURES

Hazchem Code: •3Y

Suitable extinguishing media: If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Flammable liquid. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. Do NOT smoke.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES**SMALL SPILLS**

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Use a spark-free shovel.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 14

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 3 Flammable Liquid as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Ammonia	25	17	35	24	-	-
Ethanol	1000	1880	-	-	-	-
Isopropanol	400	983	500	1230	-	-
Ethanolamine	3	7.5	6	15	-	-
Resorcinol	10	45	20	90	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR

Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured liquids, with a characteristic odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	0.85 – 1.0
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	23 - 61

Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	5.0 – 11.7
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

Skin contact: Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 5 Hazard. Acute toxicity estimate (based on ingredients): 2,000 – 5,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (irritant to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1 Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects on blood and the central nervous system. This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in depression of the central nervous system.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

UN No: 1993
Dangerous Goods Class: 3 Flammable Liquid
Packing Group: III
Hazchem Code: •3Y
Emergency Response Guide No: 14

Proper Shipping Name: Flammable Liquid, N.O.S.

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: 1993
Dangerous Goods Class: 3 Flammable Liquid
Packing Group: III

Proper Shipping Name: Flammable Liquid, N.O.S.

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 1993
Dangerous Goods Class: 3 Flammable Liquid
Packing Group: III

Proper Shipping Name: Flammable Liquid, N.O.S.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Organic solvents excluding halogenated solvents

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: HAIR COLOURS (FLAMMABLE LIQUIDS – CLASS 8)

Recommended use: Hair colouring preparations

Chemical Nature: Blend of ingredients; solvent is flammable.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Flammable Liquids – Category 2

Acute Toxicity – Oral – Category 5

Skin Corrosion/Irritation – Category 1C

Serious Eye Damage/Irritation – Category 1

Sensitisation – Skin – Category 1

Specific Target Organ Toxicity (Single Exposure) – Category 2

Specific Target Organ Toxicity (Single Exposure) – Category 3 – Respiratory Tract Irritant

Specific Target Organ Toxicity (Single Exposure) – Category 3 – Narcotic

Hazard Statement(s)

H225	Highly flammable liquid and vapour
H303	May be harmful if swallowed.
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H335	May cause respiratory irritation
H336	May cause drowsiness and dizziness
H371	May cause damage to organs

Prevention Precautionary Statement(s)

P102	Keep out of reach of children
P103	Read label before use
P210	Keep away from all sources of ignition - No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical, ventilating, lighting and all other equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe dust, fume, gas, mist, vapours or spray
P264	Wash hands, face and all exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area

P272 Contaminated work clothing should not be allowed out of the workplace
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
P310 Immediately call a POISON CENTER or doctor/physician.
P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363 Wash contaminated clothing before reuse.

Storage Precautionary Statement(s)

P405 Store locked up
P403+235 Store in a well ventilated place. Keep cool

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Australia): S5

WARNING – This product contains ingredients which may cause skin sensitization and / or irritation to certain individuals, and when used for eyelash or eyebrow tinting may cause injury to the eye. A preliminary test according to the accompanying directions should be made before use.

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

Class: 3 Flammable Liquid
Sub risk: 8 Corrosive

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ethanol	64-17-5	<60%
Isopropanol	67-63-0	<60%
Ammonia	1336-21-6	<2%
Ethanolamine	141-43-5	5 - 10%
Resorcinol	108-46-3	<2%
Phenylenediamines	-	<2%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice.

Skin contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Get to a doctor or hospital quickly.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically. Effects may be delayed. Can cause corneal burns.

5. FIRE-FIGHTING MEASURES

Hazchem Code: •3WE

Suitable extinguishing media: If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Flammable liquid. Corrosive substance. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. Do NOT smoke.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Use a spark-free shovel.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 18

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 3 Flammable Liquid, Sub risk 8 Corrosive as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Ammonia	25	17	35	24	-	-
Ethanol	1000	1880	-	-	-	-
Isopropanol	400	983	500	1230	-	-
Ethanolamine	3	7.5	6	15	-	-
Resorcinol	10	45	20	90	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: It is recommended that eye protection (safety glasses or goggles) and protective gloves are worn when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR

Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured liquids, with a characteristic odour.

Solubility: Soluble in water

Specific Gravity (20 °C): 0.85 – 1.0

Relative Vapour Density (air=1): >1

Vapour Pressure (20 °C): N Av

Flash Point (°C): 23 - 61

Flammability Limits (%): N Av

Autoignition Temperature (°C): N Av

Melting Point/Range (°C): N Av

Boiling Point/Range (°C): N Av

pH: 5.0 – 11.7

Viscosity: N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material is an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

Skin contact: Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 5 Hazard. Acute toxicity estimate (based on ingredients): 2,000 – 5,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 1C Hazard (corrosive to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1 Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects on blood and the central nervous system. This material has been classified as a Category 3 Hazard (AU only). Exposure via inhalation may result in respiratory irritation and depression of the central nervous system.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see “Section 8. Exposure Controls and Personal Protection” of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

UN No: 2924
Dangerous Goods Class: 3 Flammable Liquid
Sub risk 1: 8 Corrosive
Packing Group: II
Hazchem Code: •3WE
Emergency Response Guide No: 18

Proper Shipping Name: FLAMMABLE LIQUID, CORROSIVE, N.O.S.

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: 2924
Dangerous Goods Class: 3 Flammable Liquid
Sub risk 1: 8 Corrosive
Packing Group: II

Proper Shipping Name: FLAMMABLE LIQUID, CORROSIVE, N.O.S.

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 2924
Dangerous Goods Class: 3 Flammable Liquid

Sub risk 1: 8 Corrosive

Packing Group: II

Proper Shipping Name: FLAMMABLE LIQUID, CORROSIVE, N.O.S.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Organic solvents excluding halogenated solvents

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex II - Noxious Liquid Substances carried in Bulk

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: HAIR COLOURS (PERMANENT / SEMI-PERMANENT; CREAM / LIQUID)

Recommended use: Hair salon preparation – colour.

Chemical Nature: Blend of ingredients.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Acute Toxicity – Oral – Category 4
Skin Corrosion/Irritation – Category 2
Serious Eye Damage/Irritation – Category 1
Sensitisation – Skin – Category 1A
Specific Target Organ Toxicity (Single Exposure) – Category 2
Specific Target Organ Toxicity (Repeat Exposure) – Category 2
Acute Hazard to the Aquatic Environment – Category 2
Chronic Hazard to the Aquatic Environment – Category 2

Hazard Statement(s)

H302 Harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H371 May cause damage to organs
H373 May cause damage to organs through prolonged or repeated exposure
H411 Toxic to aquatic life with long lasting effects

Prevention Precautionary Statement(s)

P102 Keep out of reach of children
P103 Read label before use
P260 Do not breathe dust, fume, gas, mist, vapours or spray
P264 Wash hands, face and all exposed skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362 Take off contaminated clothing and wash before reuse.
P391 Collect spillage.

Storage Precautionary Statement(s)

P405 Store locked up

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Australia): S5

WARNING – This product contains ingredients which may cause skin sensitization and / or irritation to certain individuals, and when used for eyelash or eyebrow tinting may cause injury to the eye. A preliminary test according to the accompanying directions should be made before use.

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some may be classified as Dangerous Goods Class 9 Miscellaneous Dangerous Goods.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ammonia	1334-21-6	<5%
1,4-Benzenediamine, 2-methyl-, sulfate (1:1)	615-50-9	<5%
Ethanolamine	141-43-5	<5%
Resorcinol	108-46-3	<2%
Phenylenediamines	-	<2%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically. Effects may be delayed. Can cause corneal burns.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Refer to Supplier's SDS.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Refer to Supplier's SDS.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some may be classified as Dangerous Goods Class 9 Miscellaneous Dangerous Goods.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Ammonia	25	17	35	24	-	-
Ethanolamine	3	7.5	6	15	-	-
Resorcinol	10	45	20	90	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood

of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Note: It is recommended that eye protection (safety glasses or goggles) and protective gloves are worn when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas Use with local exhaust ventilation or while wearing appropriate respirator. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR

Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured liquids or viscous creams with a mildly perfumed or ammonia odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	0.98 – 1.00
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	7.0 – 11.0
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 300 - 2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (irritant to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1A Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects on blood and the central nervous system.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects to the skeletal muscles.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as a Category Acute 2 Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 2 Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some may be classified as Dangerous Goods Class 9 Miscellaneous Dangerous Goods.

MARINE TRANSPORT

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some may be classified as Dangerous Goods Class 9 Miscellaneous Dangerous Goods.

AIR TRANSPORT

Please refer to Supplier's SDS for Dangerous Goods classification. Some products are not classified as Dangerous Goods and some may be classified as Dangerous Goods Class 9 Miscellaneous Dangerous Goods.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)

This material is subject to the following international agreements:

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex III - Harmful Substances carried in Packaged Form

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: HAIR COLOURS (PERMANENT / SEMI-PERMANENT; CREAM / LIQUID – CLASS 8)

Recommended use: Hair salon preparation – colour.

Chemical Nature: Blend of ingredients.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Acute Toxicity – Oral – Category 4

Skin Corrosion/Irritation – Category 1C

Serious Eye Damage/Irritation – Category 1

Sensitisation – Skin – Category 1A

Specific Target Organ Toxicity (Single Exposure) – Category 2

Specific Target Organ Toxicity (Single Exposure) – Category 3 – Respiratory Tract Irritation

Specific Target Organ Toxicity (Repeat Exposure) – Category 2

Acute Hazard to the Aquatic Environment – Category 2

Chronic Hazard to the Aquatic Environment – Category 2

Hazard Statement(s)

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

H317 May cause an allergic skin reaction

H335 May cause respiratory irritation

H371 May cause damage to organs

H373 May cause damage to organs through prolonged or repeated exposure

H411 Toxic to aquatic life with long lasting effects

Prevention Precautionary Statement(s)

P102 Keep out of reach of children

P103 Read label before use

P260 Do not breathe dust, fume, gas, mist, vapours or spray

P264 Wash hands, face and all exposed skin thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P272 Contaminated work clothing should not be allowed out of the workplace

P273 Avoid release to the environment

P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.

P310	Immediately call a POISON CENTER or doctor/physician if you feel unwell.
P309+P311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

Storage Precautionary Statement(s)

P405	Store locked up
P403+233	Store in a well ventilated place. Keep container tightly closed

Disposal Precautionary Statement(s)

P501	Dispose of contents/container in accordance with local, regional, national and international regulations
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Poisons Schedule (Australia): S5

WARNING – This product contains ingredients which may cause skin sensitization and / or irritation to certain individuals, and when used for eyelash or eyebrow tinting may cause injury to the eye. A preliminary test according to the accompanying directions should be made before use.

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

Class: 8 Corrosive

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ammonia	1334-21-6	<5%
1,4-Benzenediamine, 2-methyl-, sulfate (1:1)	615-50-9	<5%
Ethanolamine	141-43-5	<10%
Resorcinol	108-46-3	<2%
Phenylenediamines	-	<2%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically. Effects may be delayed. Can cause corneal burns.

5. FIRE-FIGHTING MEASURES

Hazchem Code: 2X

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material. Corrosive material.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 37

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 8 Corrosive as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Ammonia	25	17	35	24	-	-
Ethanolamine	3	7.5	6	15	-	-
Resorcinol	10	45	20	90	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: It is recommended that eye protection (safety glasses or goggles) and protective gloves are worn when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas Use with local exhaust ventilation or while wearing appropriate respirator. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR

Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured liquids or viscous creams with a mildly perfumed or ammonia odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	0.98 – 1.00
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Auto ignition Temperature (°C):	N App

Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	7.0 – 11.0
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Acids and oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material is an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 300 - 2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 1C Hazard (corrosive to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1A Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects on blood and the central nervous system. This material has been classified a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects to the skeletal muscles.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as a Category Acute 2 Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 2 (9.1B NZ) Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

UN No: Refer to Supplier's SDS
Dangerous Goods Class: 8 Corrosive
Packing Group: III
Hazchem Code: Refer to Supplier's SDS
Emergency Response Guide No: 37

Proper Shipping Name: Refer to Supplier's SDS

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), radioactive substances (Class 7) or food and food packaging in any quantity, however exemptions may apply. Note that concentrated strong alkalis are incompatible with concentrated strong acids.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

UN No: Refer to Supplier's SDS
Dangerous Goods Class: 8 Corrosive
Packing Group: III

Proper Shipping Name: Refer to Supplier's SDS

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: Refer to Supplier's SDS
Dangerous Goods Class: 8 Corrosive
Packing Group: III

Proper Shipping Name: Refer to Supplier's SDS

Note: This product group may use several different UN numbers, Hazchem codes and Proper Shipping Names. Please refer to the Supplier's SDS for this information.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Basic solutions or bases in solid form

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex II - Noxious Liquid Substances carried in Bulk
- Annex III - Harmful Substances carried in Packaged Form

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: HAIR COLOURS (AEROSOL)

Recommended use: Hair colour preparation - presented as an aerosol mousse or foam.

Chemical Nature: Blend of ingredients.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Flammable Aerosols – Category 1

Acute Toxicity – Oral – Category 4

Skin Corrosion/Irritation – Category 2

Serious Eye Damage/Irritation – Category 1

Sensitisation – Skin – Category 1A

Specific Target Organ Toxicity (Single Exposure) – Category 2

Specific Target Organ Toxicity (Repeat Exposure) – Category 2

Acute Hazard to the Aquatic Environment – Category 2

Chronic Hazard to the Aquatic Environment – Category 2

Hazard Statement(s)

H222	Extremely flammable aerosol
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H371	May cause damage to organs
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects

Prevention Precautionary Statement(s)

P102	Keep out of reach of children
P103	Read label before use
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P211	Do not spray on an open flame or other ignition source
P251	Pressurized container: Do not pierce or burn, even after use
P260	Do not breathe dust, fume, gas, mist, vapours or spray
P264	Wash hands, face and all exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment

P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
 P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P330 Rinse mouth.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P362 Take off contaminated clothing and wash before reuse.
 P391 Collect spillage.

Storage Precautionary Statement(s)

P405 Store locked up
 P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Australia): S5

WARNING – This product contains ingredients which may cause skin sensitization and / or irritation to certain individuals, and when used for eyelash or eyebrow tinting may cause injury to the eye. A preliminary test according to the accompanying directions should be made before use.

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

Class: 2.1 Flammable Gas

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Alkanes, C3 – C4 (propellant)	68475-59-2	<10%
Ammonia	1334-21-6	<5%
Ethanolamine	141-43-5	<5%
1,4-Benzenediamine, 2-methyl-, sulfate (1:1)	615-50-9	<5%
Ethanol	64-17-5	<10%
Resorcinol	108-46-3	<2%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically. Effects may be delayed. Can cause corneal burns.

5. FIRE-FIGHTING MEASURES

Hazchem Code: 2YE

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Flammable gas. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. Do NOT smoke.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES**SMALL SPILLS**

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Use a spark-free shovel.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 49

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 2.1 Flammable Gas as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Alkane C4 (butane)	800	1900	-	-	-	-
Ammonia	25	17	35	24	-	-
Ethanol	1000	1880	-	-	-	-
Ethanolamine	3	7.5	6	15	-	-
Resorcinol	10	45	20	90	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: It is recommended that eye protection (safety glasses or goggles) and protective gloves are worn when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR

Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured foam with a mild odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	N Av
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	<0

Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	6.0 – 11.0
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (irritant to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1A Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects on blood and the central nervous system.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects to the skeletal muscles.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as a Category Acute 2 Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 2 Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION**ROAD AND RAIL TRANSPORT**

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None
Hazchem Code: 2YE
Emergency Response Guide No: 49

Proper Shipping Name: AEROSOLS

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable liquids (Class 3), if both are in bulk, flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None

Proper Shipping Name: AEROSOLS

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None

Proper Shipping Name: AEROSOLS, FLAMMABLE

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Organic solvents excluding halogenated solvents

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex III - Harmful Substances carried in Packaged Form

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: HAIR COLOURS (AEROSOL – CLASS 8)

Recommended use: Hair colour preparation - presented as an aerosol mousse or foam.

Chemical Nature: Blend of ingredients.

2. HAZARDS IDENTIFICATION**AUSTRALIA CLASSIFICATION**

This material is hazardous according to criteria of Safe Work Australia.

**Signal Word**

Danger

Hazard Classification

Flammable Aerosols – Category 1

Acute Toxicity – Oral – Category 4

Skin Corrosion/Irritation – Category 1C

Serious Eye Damage/Irritation – Category 1

Sensitisation – Skin – Category 1A

Specific Target Organ Toxicity (Single Exposure) – Category 2

Specific Target Organ Toxicity (Single Exposure) – Category 3 – Respiratory Tract Irritation

Specific Target Organ Toxicity (Repeat Exposure) – Category 2

Acute Hazard to the Aquatic Environment – Category 2

Chronic Hazard to the Aquatic Environment – Category 2

Hazard Statement(s)

H222 Extremely flammable aerosol

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

H317 May cause an allergic skin reaction

H335 May cause respiratory irritation

H371 May cause damage to organs

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects

Prevention Precautionary Statement(s)

P102 Keep out of reach of children

P103 Read label before use

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P211 Do not spray on an open flame or other ignition source

P251 Pressurized container: Do not pierce or burn, even after use

P260 Do not breathe dust, fume, gas, mist, vapours or spray

P264 Wash hands, face and all exposed skin thoroughly after handling

P270 Do not eat, drink or smoke when using this product

- P271 Use only outdoors or in a well-ventilated area
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

- P101 If medical advice is needed, have product container or label at hand.
P310 Immediately call a POISON CENTER or doctor/physician.
P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.

Storage Precautionary Statement(s)

- P405 Store locked up
P403+233 Store in a well ventilated place. Keep container tightly closed
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C

Disposal Precautionary Statement(s)

- P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Australia): S5

WARNING – This product contains ingredients which may cause skin sensitization and / or irritation to certain individuals, and when used for eyelash or eyebrow tinting may cause injury to the eye. A preliminary test according to the accompanying directions should be made before use.

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

Class: 2.1 Flammable Gas
Sub risk: 8 Corrosive

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Alkanes, C3 – C4 (propellant)	68475-59-2	<10%
Ammonia	1334-21-6	<5%
1,4-Benzenediamine, 2-methyl-, sulfate (1:1)	615-50-9	<5%
Ethanol	64-17-5	<10%
Ethanolamine	141-43-5	<10%
Resorcinol	108-46-3	<2%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically. Effects may be delayed. Can cause corneal burns.

5. FIRE-FIGHTING MEASURES

Hazchem Code: 2YE

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Flammable gas. Corrosive substance. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. Do NOT smoke.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Use a spark-free shovel.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 49

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 2.1 Flammable Gas, Sub-risk 8 Corrosive as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Alkane C4 (butane)	800	1900	-	-	-	-
Ammonia	25	17	35	24	-	-
Ethanol	1000	1880	-	-	-	-
Ethanolamine	3	7.5	6	15	-	-
Resorcinol	10	45	20	90	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: It is recommended that eye protection (safety glasses or goggles) and protective gloves are worn when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. The use of exhaust fans is strongly recommended. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR

Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured foam with a mild odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	N Av
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	<0
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	6.0 – 11.0
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Acids and oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material is an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 1C Hazard (corrosive to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1A Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects on blood and the central nervous system. This material has been classified a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as a Category 2 Hazard. Exposure via oral may result in adverse effects to the skeletal muscles.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as a Category Acute 2 Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 2 (9.1B NZ) Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see “Section 8. Exposure Controls and Personal Protection” of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

UN No:	1950
Dangerous Goods Class:	2.1 Flammable Gas
Sub risk 1:	8 Corrosive
Packing Group:	None
Hazchem Code:	2YE
Emergency Response Guide No:	49

Proper Shipping Name: AEROSOLS

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable liquids (Class 3), if both are in bulk, flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

UN No:	1950
Dangerous Goods Class:	2.1 Flammable Gas
Sub risk 1:	8 Corrosive
Packing Group:	None

Proper Shipping Name: AEROSOLS

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No:	1950
Dangerous Goods Class:	2.1 Flammable Gas
Sub risk 1:	8 Corrosive
Packing Group:	None

Proper Shipping Name: AEROSOLS, FLAMMABLE, CONTAINING SUBSTANCES IN CLASS 8, PACKING GROUP III

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Organic solvents excluding halogenated solvents

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex II - Noxious Liquid Substances carried in Bulk
- Annex III - Harmful Substances carried in Packaged Form

This material/constituent(s) is covered by the following requirements:

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: HAIR SPRAYS / LACQUERS (AEROSOL)

Recommended use: Hair styling preparation.

Chemical Nature: Resin in a suitable solvent/propellant system.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Flammable Aerosols – Category 1

Serious Eye Damage/Irritation – Category 2A

Hazard Statement(s)

H222 Extremely flammable aerosol

H319 Causes serious eye irritation

Prevention Precautionary Statement(s)

P102 Keep out of reach of children

P103 Read label before use

P210 Keep away from all sources of ignition - No smoking

P211 Do not spray on an open flame or other ignition source

P251 Pressurized container: Do not pierce or burn, even after use

P264 Wash hands, face and all exposed skin thoroughly after handling

P280 Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statement(s)

P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C

Disposal Precautionary Statement(s)

Not allocated

Poisons Schedule (Australia): Not applicable

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

Class: 2.1 Flammable Gas

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Alkanes, C3-4	68475-59-2	30 - 50%
Ethane, 1,1-difluoro-	75-37-6	Approx. 10%
Dimethyl ether	115-10-6	30 - 40%
Ethanol	64-17-5	40 - 65%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: 2YE

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Compressed gas. Flammable gas. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. Do NOT smoke.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes, including those of carbon dioxide and carbon monoxide. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Use a spark-free shovel.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 49

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 2.1 Flammable Gas as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Butane (Alkane C4)	800	1900	-	-	-	-
Ethanol	1000	1880	-	-	-	-
Dimethyl ether (AUS)	400	760	500	950	-	-
Dimethyl ether (NZ)	400	766	500	958	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Vapour heavier than air - prevent concentration in hollows or sumps. The use of exhaust fans is strongly recommended.

Personal protection equipment: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES

Wear overalls, chemical goggles and gloves. If there is routine unprotected and long term contact with these products, suitable gloves should be worn during use. Available information suggests that gloves made from

rubber or PVC should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Clear liquids with a characteristic odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	0.86 – 0.90
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	Approx. -87
Flammability Limits (%):	LEL – 1.9; UEL – 9.5
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	Approx. 6.0 – 8.5
Viscosity:	N App

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Keep containers and surrounding areas well ventilated.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes and respiratory tract, headache and nausea.

Skin contact: Contact with skin may result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant. May cause watering of eyes and blurred vision.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None
Hazchem Code: 2YE
Emergency Response Guide No: 49

Proper Shipping Name: AEROSOLS

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable liquids (Class 3), if both are in bulk, flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None

Proper Shipping Name: AEROSOLS

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None

Proper Shipping Name: AEROSOLS, FLAMMABLE

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: AEROSOL MOUSSES

Recommended use: Hair styling and conditioning.

Chemical Nature: Water suspension/solution of ingredients, presented as an aerosol.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Flammable Aerosols – Category 1

Serious Eye Damage/Irritation - Category 2A

Chronic Hazard to the Aquatic Environment - Category 3

Hazard Statement(s)

H222 Extremely flammable aerosol
H319 Causes serious eye irritation.
H413 Harmful to aquatic life with long lasting effects.

Prevention Precautionary Statement(s)

P102 Keep out of reach of children
P103 Read label before use
P210 Keep away from all sources of ignition - No smoking
P211 Do not spray on an open flame or other ignition source
P251 Pressurized container: Do not pierce or burn, even after use
P264 Wash hands, face and all exposed skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statement(s)

P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Poisons Schedule (Australia): Not applicable

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

Class: 2.1 Flammable Gas

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Alkanes, C3-4	68475-59-2	<15%
Ethanol	64-17-5	<20%
Surfactants (cationic or non-ionic)	-	<5%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: 2YE

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Compressed gas. Flammable gas. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. Do NOT smoke.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes, including those of carbon dioxide and carbon monoxide. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Use a spark-free shovel.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 49

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 2.1 Flammable Gas as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Butane (Alkane C4)	800	1900	-	-	-	-
Ethanol	1000	1880	-	-	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Vapour heavier than air - prevent concentration in hollows or sumps. The use of exhaust fans is strongly recommended.

Personal protection equipment: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES

Wear overalls, safety glasses and gloves. If there is routine unprotected and long term contact with these products, suitable gloves should be worn during use. Available information suggests that gloves made from rubber or PVC should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating,

drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: White foam, with a characteristic fragrance.

Solubility:	Soluble in water
Specific Gravity (20 °C):	0.74 – 0.88
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	Approx. -87
Flammability Limits (%):	LEL – 1.9; UEL – 9.5
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	Approx. 4 - 7
Viscosity:	N App

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Keep containers and surrounding areas well ventilated.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant. May cause watering of eyes and blurred vision.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as non-hazardous.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 3 Hazard. Acute toxicity estimate (based on ingredients): 10 - 100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION**ROAD AND RAIL TRANSPORT**

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None
Hazchem Code: 2YE
Emergency Response Guide No: 49

Proper Shipping Name: AEROSOLS

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable liquids (Class 3), if both are in bulk, flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None

Proper Shipping Name: AEROSOLS

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None

Proper Shipping Name: AEROSOLS, FLAMMABLE

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

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IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: SHAMPOOS

Recommended use: To cleanse the hair and scalp

Chemical Nature: Water solution of surfactants and other minor ingredients.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Warning

Hazard Classification

Acute Toxicity – Oral – Category 4

Serious Eye Damage/Irritation – Category 2A

Chronic Hazard to the Aquatic Environment – Category 3

Hazard Statement(s)

H302 Harmful if swallowed
H319 Causes serious eye irritation
H412 Harmful to aquatic life with long lasting effects

Prevention Precautionary Statement(s)

P102 Keep out of reach of children
P103 Read label before use
P264 Wash hands, face and all exposed skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P273 Avoid release to the environment
P280 Wear protective clothing, gloves and eye/face protection.

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P330 Rinse mouth.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statement(s)

Not allocated

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Note: classification assumes product is rinsed off soon after application.

Poisons Schedule (Australia): Not applicable

Note: some shampoos containing sodium lauryl sulfate may be classed as S6 poisons if they do not have appropriate SUSMP warning statements on product labels.

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Sodium lauryl sulfate	151-21-3	<30%
Sodium laureth sulfate	68891-38-8	<20%
Ammonium lauryl sulfate	2235-54-3	<20%
Cocamidopropylbetaine	61789-40-0	<20%
Ingredients determined to be non-hazardous	-	Balance
		<hr/> 100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid eye contact and repeated or prolonged skin contact.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal protection equipment: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid eye contact and repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured, opaque viscous liquids with a characteristic odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	1.0 – 1.1
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	4.5 – 7.5
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon, nitrogen, sulphur, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as a Category 4 Hazard.
Acute toxicity estimate (based on ingredients): 300 - 2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 3 Hazard. Acute toxicity estimate (based on ingredients): 10 - 100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: The product is readily biodegradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

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Supersedes: October 2012

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IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: CONDITIONERS AND TREATMENTS

Recommended use: To condition and beautify hair after cleansing, or before or after other hair treatments.

Chemical Nature: Water solution of surfactants and other minor ingredients

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Warning

Hazard Classification

Serious Eye Damage/Irritation – Category 2A

Chronic Hazard to the Aquatic Environment – Category 3

Hazard Statement(s)

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

Prevention Precautionary Statement(s)

P102 Keep out of reach of children

P103 Read label before use

P264 Wash hands, face and all exposed skin thoroughly after handling

P273 Avoid release to the environment

P280 Wear protective clothing, gloves and eye/face protection

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Storage Precautionary Statement(s)

Not allocated

Disposal Precautionary Statement(s)

P501 Dispose of contents/container in accordance with local, regional, national and international regulations

Poisons Schedule (Australia): Not applicable

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Surfactants (including cetrimonium chloride, behentrimonium chloride, stearamidopropyl dimethylamine)	-	<5%
Ingredients determined to be non-hazardous	-	Balance
		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Natural ventilation should be adequate under normal use conditions.

Personal protection equipment: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and

local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured, opaque viscous liquids, with a characteristic odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	0.95 - 1.10
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	2.5 – 5.5
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: No known materials to avoid.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant.

Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways. No data available for the product. However, for the constituent:

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 3 Hazard. Acute toxicity estimate (based on ingredients): 10 - 100 mg/L

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: KERATIN HAIR SMOOTHING PRODUCTS

Recommended use: Hair smoothing / anti frizz / hair taming products.

Chemical Nature: Water solution of hydrolysed keratin and other minor ingredients.

2. HAZARDS IDENTIFICATION**AUSTRALIA CLASSIFICATION**

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

Poisons Schedule (Australia): Not applicable

NEW ZEALAND CLASSIFICATION

Based on available information, this material is not classified as hazardous according to criteria of New Zealand EPA.

DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Hydrolysed keratin	69430-36-0	<10%
Ingredients determined to be non-hazardous	-	Balance
		100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal protection equipment: SAFETY GLASSES, GLOVES

Wear safety glasses. If there is routine unprotected and long term contact with these products, suitable gloves should be worn during use. Available information suggests that gloves made from rubber or PVC should be suitable. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Coloured viscous creamy liquids, with a fragrant odour.

Solubility:	Soluble in water
Specific Gravity (20 °C):	Approx. 0.95 – 1.10
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	Approx. 0
Boiling Point/Range (°C):	Approx. 100
pH:	Approx. 3 - 8
Viscosity:	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: No known conditions to avoid.

Incompatible materials: No known materials to avoid.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Repeated or prolonged skin contact may lead to irritation.

Ingestion: No adverse effects expected however large amounts may cause nausea and vomiting.

Eye contact: May cause watering of eyes and blurred vision.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser.
Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

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Supersedes: October 2012

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IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Refer to individual company's name

Other names: DRY SHAMPOOS

Recommended use: To cleanse hair and the scalp.

Chemical Nature: Water suspension/solution of ingredients, presented as an aerosol.

2. HAZARDS IDENTIFICATION

AUSTRALIA CLASSIFICATION

This material is hazardous according to criteria of Safe Work Australia.



Signal Word

Danger

Hazard Classification

Flammable Aerosols – Category 1

Hazard Statement(s)

H222 Extremely flammable aerosol

Prevention Precautionary Statement(s)

P102 Keep out of reach of children

P103 Read label before use

P210 Keep away from all sources of ignition - No smoking

P211 Do not spray on an open flame or other ignition source

P251 Pressurized container: Do not pierce or burn, even after use

Response Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.

Storage Precautionary Statement(s)

P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C

Disposal Precautionary Statement(s)

Not allocated

Poisons Schedule (Australia): Not applicable

NEW ZEALAND CLASSIFICATION

This material is hazardous according to criteria of New Zealand EPA.

EPA Group Standard: Cosmetic Products Group Standard 2006, HSR002552

DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

Class: 2.1 Flammable Gas

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Alkanes, C3-4	68475-59-2	>60%
Ethanol	64-17-5	5 - 10%
Ingredients determined to be non-hazardous	-	Balance
		<hr/> 100%

This is a commercial product whose exact ratio of components may vary slightly. Varying quantities of other non-hazardous ingredients are also present.

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: 2YE

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Compressed gas. Flammable gas. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. Do NOT smoke.

Firefighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes, including those of carbon dioxide and carbon monoxide. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Use a spark-free shovel.

If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: 49

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Dangerous Good Class 2.1 Flammable Gas as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia or WorkSafe New Zealand.

However for:

	(WES) - TWA		(WES) - STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Butane (Alkane C4)	800	1900	-	-	-	-
Ethanol	1000	1880	-	-	-	-

As published by Safe Work Australia and WorkSafe New Zealand.

Definitions

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

No Exposure Standards assigned to other constituents.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have a Biological Limit Allocated.

Note: No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Vapour heavier than air - prevent concentration in hollows or sumps. The use of exhaust fans is strongly recommended.

Personal protection equipment: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES

Wear overalls, safety glasses and gloves. If there is routine unprotected and long term contact with these products, suitable gloves should be worn during use. Available information suggests that gloves made from rubber or PVC should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: White foam, with a characteristic fragrance.

Solubility:	Soluble in water
Specific Gravity (20 °C):	0.74 – 0.88
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	Approx. -87
Flammability Limits (%):	LEL – 1.9; UEL – 9.5
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	Approx. 4 - 7
Viscosity:	N App

(Typical values only - consult specification sheet)
N Av = Not available N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Keep containers and surrounding areas well ventilated.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: May be an eye irritant. May cause watering of eyes and blurred vision.

Acute toxicity

Inhalation: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None
Hazchem Code: 2YE
Emergency Response Guide No: 49

Proper Shipping Name: AEROSOLS

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable liquids (Class 3), if both are in bulk, flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None

Proper Shipping Name: AEROSOLS

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 1950
Dangerous Goods Class: 2.1 Flammable Gas
Packing Group: None

Proper Shipping Name: AEROSOLS, FLAMMABLE

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)* or in compliance with the Industrial Chemicals Notification and Assessment (ICNA) Act.

16. OTHER INFORMATION

Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Supersedes: October 2012

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THEIR SUPPLIER TO OBTAIN ADDITIONAL INFORMATION.

Please read all labels carefully before using product.

the 1990s, the number of people with a mental health problem has increased in the UK (Mental Health Act 1983, 1990).

There is a growing awareness of the need to improve the lives of people with mental health problems. The Department of Health (1999) has set out a vision of a new mental health system, which will be based on the following principles:

- People with mental health problems should be treated as individuals, with their own needs and wishes.
- People with mental health problems should be given the opportunity to participate in decisions about their care and treatment.
- People with mental health problems should be given the opportunity to live in their own homes and communities.

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CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
112304	4044897123042		Headremedy Anti-Dandruff Shampoo 300ml			13
112804	4044897128047		Headremedy Deep Cleanse Shampoo 300ml			13
112806	4044897128061		Headremedy Deep Cleanse Sh 750ml			13
117004	4044897161440		Addvolume Shampoo 300ml			13
117006	4044897170060		Addvolume Shampoo 750ml			13
117014	4044897170145		Addvolume Leave-In Conditioner 150ml			1
117020	4044897170206		Addvolume Volumizing Spray 200ml			5
117061	4044897170619		Addvolume Root And Body Lift 200ml			11
117065	4044897170657		Addvolume Styling Foam 300ml			12
117080	4044897170800		Addvolume Liquid Dust 50ml			5
117090	4044897170909		Addvolume Texture Creme 75ml			5
117095	4044897170954		Addvolume Style Primer 75ml			14
117096	4044897170961		Addvolume Style Primer 150ml			14
122004	4044897220048		Moistrepair Shampoo 300ml			13
122006	4044897211411		Moistrepair Shampoo 750ml			13
122014	4044897220147		Moistrepair Conditioner 250ml			14
122016	4044897211220		Moistrepair Conditioner 750ml			14
122024	4044897220246		Moistrepair Cleansing Conditioner 300ml			14
122030	4044897211114		Moistrepair Anti-Breakage Spray 100ml			14
122040	4044897220406		Moistrepair Revival Creme 125ml			14
122050	4044897220505		Moistrepair Leave-In Conditioner 150ml			1
122095	4044897220956		Moistrepair Style Primer 75ml			14
122096	4044897220963		Moistrepair Style Primer 150ml			14
122097	4044897220970		Core Reset Spray 200ml			1
127040	4044897270401		Curlup Control Creme 150ml			5
127045	4044897270456		Curlup Bounce Back Spray 200ml			1
127050	4044897270500		Curlup Wave Foam 200ml			12
127065	4044897270654		Curlup Perfecting Lotion 100ml			1
132020	4044897320205		Thermashape Quick Blow Dry 200ml			1
132030	4044897320304		Thermashape Hot Flex Spray 200ml			1
132040	4044897320403		Thermashape Straightening Creme 150ml			5
132060	4044897320601		Thermashape 2-In-1 Spray 200ml			11
132170	4044897321707		Thermashape Shaping Blow Dry 200ml			1
137002	4044897370026		Hairplay Styling Gel 200ml			1
137022	4044897370224		Hairplay Messing Creme 125ml			5
137043	4044897370439		Hairplay Molding Paste 150ml			5
137045	4044897370453		Hairplay Sea Salt Spray 200ml			1
137058	4044897370583		Hairplay Playable Texture 200ml			11
137075	4044897370750		Hairplay Dry Wax 150ml			11
137080	4044897370804		Hairplay Liquid Wax 100ml			5
137081	4044897370811		HP Hybrid Claywax 50ml			5
137095	4044897370958		Hairplay Makeover Spray 75ml			1
137096	4044897370965		Hairplay Makeover Spray 250ml			1
142028	4044897420288		Hairstay Anti-Humidity Seal 150ml			1
142063	4044897420646		Hairstay Working Spray 300ml			1
142064	4044897420639		Hairstay Working Spray 75ml			1
142076	4044897420769		HS Hard Wax 50ml			5
142081	4044897420813		Hairstay Firm Finishing Spray 300ml			11
142086	4044897420868		HS Molding Pomade 90ml			5
152004	4044897520049		Colorvitality Blonde Shampoo 300ml			13
152006	4044897361246		Colorvitality Blonde Shampoo 750ml			13
152014	4044897361307		Colorvitality Blonde Conditioner 250ml			14
152016	4044897520162		Colorvitality Blonde Conditioner 750ml			14
152204	4044897522043		Colorvitality Shampoo 300ml			13
152206	4044897522067		Colorvitality Shampoo 750ml			13
152214	4044897522142		Colorvitality Conditioner 250ml			14
152216	4044897522166		Colorvitality Conditioner 750ml			14
162004	4044897620046		Tamefrizz Shampoo 300ml			13
162006	4044897411538		Tamefrizz Shampoo 750ml			13
162014	4044897411040		Tamefrizz Conditioner 250ml			14
162016	4044897302232		Tamefrizz Conditioner 750ml			14
162040	4044897620404		Tamefrizz Curl Leave-In Conditioner 125ml			14
162050	4044897620503		Tamefrizz De-Frizz Oil 100ml			5
162060	4044897620602		Tamefrizz Smoothing Lotion 150ml			5
162095	4044897620954		Tamefrizz Style Primer 75ml			14
162096	4044897620961		Tamefrizz Style Primer 150ml			14
162130	4044897621302		Tamefrizz Smoothing Reconstructor 200ml			14
170004	4044897700045		Addpower Shampoo 300ml			13

CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
170006	4044897700069		Addpower Shampoo 750ml			13
170022	4044897700229		Addpower Strengthening Fluid 125ml			14
170027	4044897700274		Addpower Thickening Spray 200ml			1
200168	4021609003434	7OO MAX	Sensational Copper	Topchic	250ml	10
200169	4021609003427	7RO MAX	Striking Red Copper	Topchic	250ml	10
200170	4021609003908	7RR MAX	Luscious Red	Topchic	250ml	10
200171	4021609003892	6RR MAX	Dramatic Red	Topchic	250ml	10
200172	4021609003779	5RR MAX	Deep Red	Topchic	250ml	10
200173	4021609003823	6RV MAX	Stunning Purple	Topchic	250ml	10
200174	4021609003786	6VV MAX	Vivid Violet	Topchic	250ml	10
200175	4021609003717	5VV MAX	Very Violet	Topchic	250ml	10
200179	4021609003649	5VA	Fascinating Violet Ash	Topchic	250ml	10
200183	4021609004448	3NN	Dark Brown Extra	Topchic	250ml	10
200184	4021609004509	4NN	Mid Brown Extra	Topchic	250ml	10
200185	4021609004523	5NN	Light Brown - Extra	Topchic	250ml	10
200186	4021609004530	6NN	Dark Blonde Extra	Topchic	250ml	10
200187	4021609002048	7NN	Mid Blonde Extra	Topchic	250ml	10
200188	4021609002055	8NN	Light Blonde Extra	Topchic	250ml	10
200189	4021609002086	9NN	Very Light Blonde Extra	Topchic	250ml	10
200191	4021609099932	5BV	Reallusion Sparkling Brown	Topchic	250ml	10
200192	4021609363910	11SN	Special Silver Natural Blonde	Topchic	250ml	10
200193	4021609363927	11PB	Special Pearl Beige Blonde	Topchic	250ml	10
200194	4021609363934	9MB	Very Light Jade Blonde	Topchic	250ml	10
200195	4021609363941	8CA	Light Cool Ash Blonde	Topchic	250ml	10
200196	4021609383703	6N@AV	Dark Blonde Eluminated Violet Ash	Topchic	250ml	10
200197	4021609383710	6N@RB	Dark Ash Eluminated Red Brown	Topchic	250ml	10
200198	4021609383727	4B@RR	Havana Brown Eluminated Intense Red	Topchic	250ml	10
200199	4021609383734	5BG@KK	Brown Gold Eluminated Intense Copper	Topchic	250ml	10
200200	4021609383741	6BP@VA	Pearly Couture Eluminated Violet Ash	Topchic	250ml	10
200201	4021609383758	7SB@BL	Silver Beige Eluminated Blue	Topchic	250ml	10
200241	4021609003946	11G	Special Gold Blonde	Topchic	250ml	10
200263	4021609004097	VIOLET	Violet Ash	Topchic	250ml	10
200265	4021609004592	ASH	Ash Ash	Topchic	250ml	10
200279	4021609002857	4BP	Pearly Couture Brown Dark	Topchic	250ml	10
200280	4021609002901	5BP	Pearly Couture Brown Mid	Topchic	250ml	10
200281	4021609003014	6BP	Pearly Couture Brown Light	Topchic	250ml	10
200282	4021609002895	5BM	Matt Couture Brown Mid	Topchic	250ml	10
200283	4021609002987	6BM	Matt Couture Brown Light	Topchic	250ml	10
200284	4021609002932	6BS	Smoky Couture Brown Light	Topchic	250ml	10
200302	4021609004226	2N	Black	Topchic	250ml	10
200303	4021609004233	3N	Dark Brown	Topchic	250ml	10
200304	4021609004240	4N	Mid Brown	Topchic	250ml	10
200305	4021609004271	5N	Light Brown	Topchic	250ml	10
200306	4021609004295	6N	Dark Blonde	Topchic	250ml	10
200307	4021609004325	7N	Mid Blonde	Topchic	250ml	10
200308	4021609004332	8N	Light Blonde	Topchic	250ml	10
200309	4021609004349	9N	Very Light Blonde	Topchic	250ml	10
200310	4021609004431	10N	Extra Light Blonde	Topchic	250ml	10
200311	4021609003960	11N	Special Natural Blonde	Topchic	250ml	10
200312	4021609002093	3NA	Dark Natural Ash Brown	Topchic	250ml	10
200314	4021609002109	4NA	Mid Natural Ash Brown	Topchic	250ml	10
200315	4021609002116	5NA	Light Natural Ash Brown	Topchic	250ml	10
200316	4021609002123	6NA	Dark Natural Ash Blonde	Topchic	250ml	10
200317	4021609002130	7NA	Mid Natural Ash Blonde	Topchic	250ml	10
200318	4021609002147	8NA	Light Natural Ash Blonde	Topchic	250ml	10
200319	4021609002154	9NA	Very Light Natural Ash Blonde	Topchic	250ml	10
200322	4021609002765	2A	Blue Black	Topchic	250ml	10
200325	4021609002918	5A	Light Ash Brown	Topchic	250ml	10
200326	4021609003120	6A	Dark Ash Blonde	Topchic	250ml	10
200327	4021609003212	7A	Mid Ash Blonde	Topchic	250ml	10
200328	4021609002383	8A	Light Ash Blonde	Topchic	250ml	10
200329	4021609002390	9A	Very Light Ash Blonde	Topchic	250ml	10
200330	4021609002406	10A	Pastel Ash Blonde	Topchic	250ml	10
200331	4021609003991	11A	Special Ash Blonde	Topchic	250ml	10
200344	4021609002444	4G	Chestnut	Topchic	250ml	10
200346	4021609002543	6G	Tobacco	Topchic	250ml	10
200347	4021609002758	7G	Hazel	Topchic	250ml	10
200348	4021609002284	8G	Gold Blonde	Topchic	250ml	10

CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
200349	4021609002307	9G	Very Light Gold Blonde	Topchic	250ml	10
200351	4021609002741	7GB	Sahara Beige Blonde	Topchic	250ml	10
200352	4021609002277	8GB	Sahara Light Beige Blonde	Topchic	250ml	10
200353	4021609002291	9GB	Sahara Blonde Extra Light Beige	Topchic	250ml	10
200354	4021609002338	10GB	Sahara Pastel Beige Blonde	Topchic	250ml	10
200355	4021609003236	5K	Mahogany Copper	Topchic	250ml	10
200356	4021609003243	6K	Copper Brilliant	Topchic	250ml	10
200357	4021609003380	7K	Copper Blonde	Topchic	250ml	10
200358	4021609003458	8K	Light Copper Blonde	Topchic	250ml	10
200366	4021609003328	6KG	Dark Copper Gold	Topchic	250ml	10
200367	4021609003366	7KG	Mid Copper Gold	Topchic	250ml	10
200368	4021609003595	8KG	Light Copper Gold	Topchic	250ml	10
200373	4021609003618	3VV MAX	Dark Violet	Topchic	250ml	10
200374	4021609003625	4R	Dark Mahogany Brilliant	Topchic	250ml	10
200375	4021609003724	5R	Teak	Topchic	250ml	10
200376	4021609003793	6R	Mahogany Brilliant	Topchic	250ml	10
200385	4021609002529	5RB	Dark Red Beech	Topchic	250ml	10
200386	4021609002574	6RB	Mid Red Beech	Topchic	250ml	10
200387	4021609002581	7RB	Light Red Beech	Topchic	250ml	10
200404	4021609003632	4V	Cyclamen	Topchic	250ml	10
200410	4021609002437	10V	Pastel Violet Blonde	Topchic	250ml	10
200411	4021609004011	11V	Special Blonde Violet	Topchic	250ml	10
200412	4021609003984	11SV	Special Blonde Silver Violet	Topchic	250ml	10
200414	4021609002451	4B	Havanna Brown	Topchic	250ml	10
200415	4021609002475	5B	Brazil	Topchic	250ml	10
200416	4021609002567	6B	Gold Brown	Topchic	250ml	10
200417	4021609002734	7B	Safari	Topchic	250ml	10
200418	4021609002260	8B	Sea Sand	Topchic	250ml	10
200430	4021609002420	10P	Pastel Pearl Blonde	Topchic	250ml	10
200431	4021609004004	11P	Special Blonde Pearl	Topchic	250ml	10
200436	4021609003342	6KR	Pomegranate	Topchic	250ml	10
200437	4021609002598	7BN	Vesuvian	Topchic	250ml	10
200438	4021609002253	8KN	Natural Copper	Topchic	250ml	10
200439	4021609002321	9GN	Turmaline	Topchic	250ml	10
200447	4021609003403	7KR	Beryl (Copper Red)	Topchic	250ml	10
200449	4021609003953	BC	Blonding Cream	Topchic	250ml	10
200451	4021609004080	BCA	Blonding Cream Ash	Topchic	250ml	10
200454	4021609002468	5BG	Light Brown Brown Gold	Topchic	250ml	10
200456	4021609002925	6SB	Silver Brown	Topchic	250ml	10
200457	4021609003144	7SB	Silver Beige	Topchic	250ml	10
200458	4021609002369	8SB	Silver Blonde	Topchic	250ml	10
200459	4021609946496	9N@BS	Very Light Blonde Eluminated Beige Silver	Topchic	250ml	10
200460	4021609944164	9N@BP	Very Light Blonde Eluminated Beige Pearl	Topchic	250ml	10
200461	4021609994220	8N@KK	Light Blonde Eluminated Intense Copper	Topchic	250ml	10
200462	4021609943952	8N@GB	Light Blonde Eluminated Gold Beige	Topchic	250ml	10
200463	4021609943945	8N@BS	Light Blonde Eluminated Beige Silver	Topchic	250ml	10
200464	4021609943938	7N@BP	Mid Blonde Eluminated Beige Pearl	Topchic	250ml	10
200465	4021609943921	7N@BK	Mid Blonde Eluminated Beige Copper	Topchic	250ml	10
200466	4021609004660	6N@RV	Dark Blonde Eluminated Red Violet	Topchic	250ml	10
200467	4021609004677	7N@RR	Mid Blonde Eluminated Intense Red	Topchic	250ml	10
200468	4021609004684	6N@KK	Dark Blonde Eluminated Intense Copper	Topchic	250ml	10
200469	4021609004691	6N@GB	Dark Blonde Eluminated Gold Brown	Topchic	250ml	10
200470	4021609004707	5N@RR	Light Brown Eluminated Intense Red	Topchic	250ml	10
200471	4021609004714	5N@BP	Light Brown Eluminated Brown Pearl	Topchic	250ml	10
200472	4021609004721	5N@BK	Light Brown Eluminated Brown Copper	Topchic	250ml	10
200511	4021609997801	7RR@RR	Luscious Red Eluminated Intense Red	Topchic	250ml	10
200512	4021609998006	6RR@PK	Dramatic Red Eluminated Pink	Topchic	250ml	10
200513	4021609997702	6K@KK	Copper Brilliant Eluminated Intense Copper	Topchic	250ml	10
200514	4021609994954	5B@BK	Brazil Eluminated Brown Copper	Topchic	250ml	10
200515	4021609994923	8SB@PK	Silver Blonde Eluminated Pink	Topchic	250ml	10
200516	4021609994916	4R@VR	Dark Mahogany Brilliant Eluminated Violet Red	Topchic	250ml	10
200517	4021609994909	4N@KK	Mid Brown Eluminated Intense Copper	Topchic	250ml	10
200518	4021609994893	8N@GK	Light Blonde Eluminated Gold Copper	Topchic	250ml	10
200519	4021609994886	7OO@GK	Sensational Orange Eluminated Gold Copper	Topchic	250ml	10
200520	4021609005209	6VV@PK	Cool Steel Violet with a Frosted Shine	Topchic	250ml	10
200521	4021609005216	7AK@PK	Subtle Cool Copper with a Rose Glow	Topchic	250ml	10
200522	4021609005223	8CA@PB	Shimmering Cool Bronze with a Velvety Shine	Topchic	250ml	10
200523	4021609384397	9N@Pk	Very Light Blonde Eluminated Pink	Topchic	250ml	10

CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
200524	4021609384403	7BP@Pk	Pearly Couture Eluminated Pink	Topchic	250ml	10
200525	4021609384410	6NN@CV	Dark Blonde Eluminated Cool Violet	Topchic	250m;	10
200570	4021609004028	12BN	Ultra Blonde Beige Natural	Topchic	250ml	10
200571	4021609004035	12BS	Ultra Blonde Beige Silver	Topchic	250ml	10
200717	4021609002604	7BG	Mid Blonde Beige Gold	Topchic	250ml	10
200721	4021609002864	4MG	Blackened Matt Gold	Topchic	250ml	10
200722	4021609003731	5RS	Blackened Red Silver	Topchic	250ml	10
200723	4021609002536	6KS	Blackened Copper Silver	Topchic	250ml	10
200735	4021609002505	5GB	Light Brown Gold Brown	Topchic	250ml	10
200736	4021609002550	6GB	Dark Blonde Gold Brown	Topchic	250ml	10
200745	4021609002871	5MB	Dark Jade Brown	Topchic	250ml	10
200746	4021609002970	6MB	Mid Jade Brown	Topchic	250ml	10
200747	4021609003151	7MB	Light Jade Brown	Topchic	250ml	10
201152	4021609011521		Silk Lift Control Beige Level 6-8	Silklift	500g	3
201153	4021609011538		Silk Lift Control Ash Level 5-7	Silklift	500g	3
201155	4021609011552		Silk Lift Control Essential Tone Stabilizer	Silklift	100ml	1
201159	4021609011590		Silk Lift Intensive Conditioning Serum	Silklift	30ml	14
201166	4021609011668		Silk Lift Cream Developer 3%	Silklift	990ml	4
201167	4021609011675		Silk Lift Cream Developer 6%	Silklift	990ml	4
201168	4021609011682		Silk Lift Cream Developer 9%	Silklift	990ml	2
201178	4021609011644		Powder Lightener (Blue)	Silklift	500g	3
201179	4021609011798		Powder Lightener Ammonia-Free	Silklift	500g	3
201218	4021609012184		Colorance Developer Lotion	Colorance	1L	4
201219	4021609012191		Colorance Cover Plus Developer Lotion	Colorance	1L	4
201220	4021609012207		Colorance Express Toning Developer Lotion	Colorance	1L	4
201243	4021609012436		Topchic Crème Developer Lotion	3% 10 VOL	990ml	4
201244	4021609012443		Topchic Crème Developer Lotion	6% 20 VOL	990ml	4
201247	4021609012474		Topchic Crème Developer Lotion	9% 30 VOL	990ml	2
201248	4021609012481		Topchic Crème Developer Lotion	12% 40 VOL	990ml	2
201256	4021609012566		Men ReShade Developer & Applicator Bottle	ReShade	250ml	4
201308	4021609013082		Oxycur Platin 'Dust-Free'	Oxycur	500g	3
201563	4021609001249	VIOLET	Violet Ash	Topchic	60g	9
201565	4021609001256	ASH	Ash Ash	Topchic	60g	9
201570	4021609001201	12BN	Ultra Blonde Beige Natural	Topchic	60g	9
201571	4021609001218	12BS	Ultra Blonde Beige Silver	Topchic	60g	9
201583	4021609000150	3NN	Dark Brown Extra	Topchic	60g	9
201584	4021609000167	4NN	Mid Brown Extra	Topchic	60g	9
201585	4021609000174	5NN	Light Brown Extra	Topchic	60g	9
201586	4021609000181	6NN	Dark Blonde Extra	Topchic	60g	9
201587	4021609000198	7NN	Mid Blonde Extra	Topchic	60g	9
201588	4021609000204	8NN	Light Blonde Extra	Topchic	60g	9
201589	4021609000211	9NN	Very Light Blonde Extra	Topchic	60g	9
201602	4021609000006	2N	Black	Topchic	60g	9
201603	4021609000075	3N	Dark Brown	Topchic	60g	9
201604	4021609000082	4N	Mid Brown	Topchic	60g	9
201605	4021609000099	5N	Light Brown	Topchic	60g	9
201606	4021609000105	6N	Dark Blonde	Topchic	60g	9
201607	4021609000112	7N	Mid Blonde	Topchic	60g	9
201608	4021609000129	8N	Light Blonde	Topchic	60g	9
201609	4021609000136	9N	Very Light Blonde	Topchic	60g	9
201610	4021609000143	10N	Extra Light Blonde	Topchic	60g	9
201611	4021609001157	11N	Special Natural Blonde	Topchic	60g	9
201612	4021609000228	3NA	Dark Natural Ash Brown	Topchic	60g	9
201614	4021609000525	4NA	Mid Natural Ash Brown	Topchic	60g	9
201615	4021609000242	5NA	Light Natural Ash Brown	Topchic	60g	9
201616	4021609000259	6NA	Dark Natural Ash Blonde	Topchic	60g	9
201617	4021609000266	7NA	Mid Natural Ash Blonde	Topchic	60g	9
201618	4021609000273	8NA	Light Natural Ash Blonde	Topchic	60g	9
201619	4021609000280	9NA	Very Light Natural Ash Blonde	Topchic	60g	9
201620	4021609002031	A-MIX	Ash Mix	Topchic	60g	9
201622	4021609000709	2A	Blue Black	Topchic	60g	9
201625	4021609000761	5A	Light Ash Brown	Topchic	60g	9
201626	4021609000822	6A	Dark Ash Blonde	Topchic	60g	9
201627	4021609000853	7A	Mid Ash Blonde	Topchic	60g	9
201628	4021609000471	8A	Light Ash Blonde	Topchic	60g	9
201629	4021609000488	9A	Very Light Ash Blonde	Topchic	60g	9
201630	4021609000495	10A	Pastel Ash Blonde	Topchic	60g	9
201631	4021609001171	11A	Special Ash Blonde	Topchic	60g	9

CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
201638	4021609001010	5VA	Fascinating Violet Ash	Topchic	60g	9
201664	4021609000532	4G	Chestnut	Topchic	60g	9
201666	4021609000600	6G	Tobacco	Topchic	60g	9
201667	4021609000693	7G	Hazel	Topchic	60g	9
201668	4021609000419	8G	Gold Blonde	Topchic	60g	9
201669	4021609000433	9G	Very Light Gold Blonde	Topchic	60g	9
201671	4021609001133	11G	Special Gold Blonde	Topchic	60g	9
201677	4021609000686	7GB	Sahara Beige Blonde	Topchic	60g	9
201678	4021609000402	8GB	Sahara Light Beige Blonde	Topchic	60g	9
201679	4021609000426	9GB	Sahara Blonde Extra Light Beige	Topchic	60g	9
201680	4021609000457	10GB	Sahara Pastel Beige Blonde	Topchic	60g	9
201685	4021609000860	5K	Mahogany Copper	Topchic	60g	9
201686	4021609000877	6K	Copper Brilliant	Topchic	60g	9
201687	4021609000914	7K	Copper Blonde	Topchic	60g	9
201688	4021609000969	8K	Light Copper Blonde	Topchic	60g	9
201690	4021609001317	KK-MIX	Copper Mix	Topchic	60g	9
201696	4021609000884	6KG	Dark Copper Gold	Topchic	60g	9
201697	4021609000907	7KG	Mid Copper Gold	Topchic	60g	9
201698	4021609000976	8KG	Light Copper Gold	Topchic	60g	9
201703	4021609000983	3VV	Dark Violet	Topchic	60g	9
201704	4021609000990	4R	Dark Mahogany Brilliant	Topchic	60g	9
201705	4021609001034	5R	Teak	Topchic	60g	9
201706	4021609001072	6R	Mahogany Brilliant	Topchic	60g	9
201713	4021609001348	RR-MIX	Red Mix	Topchic	60g	9
201715	4021609000587	5RB	Dark Red Beech	Topchic	60g	9
201716	4021609000631	6RB	Mid Red Beech	Topchic	60g	9
201717	4021609000648	7RB	Light Red Beech	Topchic	60g	9
201721	4021609000723	4MG	Blackened Matt Gold	Topchic	60g	9
201722	4021609001041	5RS	Blackened Red Silver	Topchic	60g	9
201723	4021609000594	6KS	Blackened Copper Silver	Topchic	60g	9
201724	4021609001003	4V	Cyclamen	Topchic	60g	9
201730	4021609000518	10V	Pastel Violet Blonde	Topchic	60g	9
201731	4021609001195	11V	Special Blonde Violet	Topchic	60g	9
201732	4021609001164	11SV	Special Blonde Silver Violet	Topchic	60g	9
201733	4021609001331	VV-MIX	Violet Mix	Topchic	60g	9
201735	4021609000556	5BG	Light Brown Brown Gold	Topchic	60g	9
201740	4021609001324	GG-MIX	Gold Mix	Topchic	60g	9
201744	4021609000549	4B	Havanna Brown	Topchic	60g	9
201745	4021609000563	5B	Brazil	Topchic	60g	9
201746	4021609000624	6B	Gold Brown	Topchic	60g	9
201747	4021609000679	7B	Safari	Topchic	60g	9
201748	4021609000396	8B	Sea Sand	Topchic	60g	9
201756	4021609000778	6SB	Silver Brown	Topchic	60g	9
201757	4021609000839	7SB	Silver Beige	Topchic	60g	9
201758	4021609000464	8SB	Silver Blonde	Topchic	60g	9
201760	4021609001355	P-MIX	Pearl Mix	Topchic	60g	9
201770	4021609000501	10P	Pastel Pearl Blonde	Topchic	60g	9
201771	4021609001188	11P	Special Blonde Pearl	Topchic	60g	9
201776	4021609000891	6KR	Pomegranate	Topchic	60g	9
201777	4021609000655	7BN	Vesuvian	Topchic	60g	9
201778	4021609000389	8KN	Natural Copper	Topchic	60g	9
201779	4021609000440	9GN	Turmaline	Topchic	60g	9
201787	4021609000921	7KR	Beryl (Copper Red)	Topchic	60g	9
201790	4021609001140	BLOCR	Blonding Cream	Topchic	60g	9
201791	4021609001232	BLOCR	Blonding Cream Ash	Topchic	60g	9
201817	4021609000662	7BG	Mid Blonde Beige Gold	Topchic	60g	9
201818	4021609000716	4BP	Pearly Couture Brown Dark	Topchic	60g	9
201819	4021609000754	5BP	Pearly Couture Brown Mid	Topchic	60g	9
201820	4021609000815	6BP	Pearly Couture Brown Light	Topchic	60g	9
201821	4021609000747	5BM	Matt Couture Brown Mid	Topchic	60g	9
201822	4021609000808	6BM	Matt Couture Brown Light	Topchic	60g	9
201823	4021609000785	6BS	Smoky Couture Brown Light	Topchic	60g	9
201825	4021609000952	7OO	Sensational Copper	Topchic	60g	9
201826	4021609000945	7RO	Striking Red Copper	Topchic	60g	9
201827	4021609001102	7RR	Luscious Red	Topchic	60g	9
201828	4021609001096	6RR	Dramatic Red	Topchic	60g	9
201829	4021609001058	5RR	Deep Red	Topchic	60g	9
201830	4021609001089	6RV	Stunning Purple	Topchic	60g	9

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201831	4021609001065	6VV	Vivid Violet	Topchic	60g	9
201832	4021609001027	5VV	Very Violet	Topchic	60g	9
201835	4021609000570	5GB	Light Brown Gold Brown	Topchic	60g	9
201836	4021609000617	6GB	Dark Blonde Gold Brown	Topchic	60g	9
201837	4021609018377	5BV	Reallusion Sparkling Brown	Topchic	60g	9
201845	4021609000730	5MB	Dark Jade Brown	Topchic	60g	9
201846	4021609000792	6MB	Mid Jade Brown	Topchic	60g	9
201847	4021609000846	7MB	Light Jade Brown	Topchic	60g	9
201850	4021609018506	2N	Black	Nectaya	60g	9
201851	4021609018513	3N	Dark Brown	Nectaya	60g	9
201852	4021609018520	4N	Mid Brown	Nectaya	60g	9
201853	4021609018537	5N	Light Brown	Nectaya	60g	9
201854	4021609018544	6N	Dark Blonde	Nectaya	60g	9
201855	4021609018551	7N	Mid Blonde	Nectaya	60g	9
201856	4021609018568	8N	Light Blonde	Nectaya	60g	9
201857	4021609018575	9N	Very Light Blonde	Nectaya	60g	9
201858	4021609018582	10N	Extra Light Blonde	Nectaya	60g	9
201859	4021609018599	5NN	Light Brown-Extra	Nectaya	60g	9
201860	4021609018605	6NN	Dark Blonde-Extra	Nectaya	60g	9
201861	4021609018612	7NN	Mid Blonde-Extra	Nectaya	60g	9
201862	4021609018629	8NN	Light Blonde-Extra	Nectaya	60g	9
201863	4021609018636	7G	Hazel	Nectaya	60g	9
201864	4021609018643	8G	Gold Blonde	Nectaya	60g	9
201865	4021609018650	7BN	Vesuvian	Nectaya	60g	9
201866	4021609018667	9BN	Very Light beige Blonde	Nectaya	60g	9
201867	4021609018674	6B	Gold Brown	Nectaya	60g	9
201868	4021609018681	5BG	Light Brown Brown Gold	Nectaya	60g	9
201869	4021609018698	7GB	Sahara Beige Blonde	Nectaya	60g	9
201870	4021609018704	6RB	Mid Red Beech	Nectaya	60g	9
201871	4021609018711	4K	Mid Brown Copper	Nectaya	60g	9
201872	4021609018728	6KG	Dark Copper Gold	Nectaya	60g	9
201873	4021609018735	8K	Light Copper Blonde	Nectaya	60g	9
201874	4021609018742	5BK	Light Brown Auburn	Nectaya	60g	9
201875	4021609018759	5R	Teak	Nectaya	60g	9
201876	4021609018766	6R	Mahogany Brilliant	Nectaya	60g	9
201877	4021609018773	4BV	Mid Brown Mauve	Nectaya	60g	9
201878	4021609018780	5MB	Dark Jade Brown	Nectaya	60g	9
201879	4021609018797	6NA	Dark Natural Ash Blonde	Nectaya	60g	9
201880	4021609018803	7NA	Mid Natural Ash Blonde	Nectaya	60g	9
201881	4021609018810	9NA	Very Light Natural Ash Blonde	Nectaya	60g	9
201882	4021609018827	6BS	Smoky Couture Brown Light	Nectaya	60g	9
201883	4021609018834	10BS	Beige Silver	Nectaya	60g	9
201884	4021609018841	3VV	Dark Violet	Nectaya	60g	9
201885	4021609018858	6VV	Vivid Violet	Nectaya	60g	9
201886	4021609018865	10BA	Smoky Blonde	Nectaya	60g	9
201887	4021609018872	10BG	Beige Gold	Nectaya	60g	9
201888	4021609018889	8BA	Smoky Beige Mid	Nectaya	60g	9
201889	4021609018896	6K	Copper Brilliant	Nectaya	60g	9
201890	4021609018902		Nectaya Lotion 3%	Lotion	725ml	4
201891	4021609018919		Nectaya Lotion 6%	Lotion	725ml	4
201892	4021609018926		Nectaya Lotion 9%	Lotion	725ml	2
201893	4021609018933		Nectaya Lotion 12%	Lotion	725ml	2
201895	4021609018957	6KR	Pomegrante	Nectaya	60g	9
201896	4021609018964	4B	Havana Brown	Nectaya	60g	9
201898	4021609018988	RR-MIX	Red-Mix	Tube	60g	9
201901	4021609019015	9N@BS	Very Light Blonde Eluminated Beige Silver	Topchic	60g	9
201902	4021609019022	9N@BP	Very Light Blonde Eluminated Beige Pearl	Topchic	60g	9
201903	4021609019039	8N@KK	Light Blonde Eluminated Intense Copper	Topchic	60g	9
201904	4021609019046	8N@GB	Light Blonde Eluminated Gold Beige	Topchic	60g	9
201905	4021609019053	8N@BS	Light Blonde Eluminated Beige Silver	Topchic	60g	9
201906	4021609019060	7N@BP	Mid Blonde Eluminated Beige Pearl	Topchic	60g	9
201907	4021609019077	7N@BK	Mid Blonde Eluminated Beige Copper	Topchic	60g	9
201908	4021609019084	6N@RV	Dark Blonde Eluminated Red Violet	Topchic	60g	9
201909	4021609019091	7N@RR	Mid Blonde Eluminated Intense Red	Topchic	60g	9
201910	4021609019107	6N@KK	Dark Blonde Eluminated Intense Copper	Topchic	60g	9
201911	4021609019114	6N@GB	Dark Blonde Eluminated Gold Brown	Topchic	60g	9
201912	4021609019121	5N@RR	Light Brown Eluminated Intense Red	Topchic	60g	9
201913	4021609019138	5N@BP	Light Brown Eluminated Brown Pearl	Topchic	60g	9

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201914	4021609019145	5N@BK	Light Brown Eluminated Brown Copper	Topchic	60g	9
201915	4021609019152		K Effects	Topchic	60g	9
201916	4021609019169		KR Effects	Topchic	60g	9
201917	4021609019176		R Effects	Topchic	60g	9
201918	4021609019183		RV Effects	Topchic	60g	9
201919	4021609019190		VR Effects	Topchic	60g	9
201920	4021609019206	7RR@RR	Luscious Red Eluminated Intense Red	Topchic	60g	9
201921	4021609019213	6RR@PK	Dramatic Red Eluminated Pink	Topchic	60g	9
201922	4021609019220	6K@KK	Copper Brilliant Eluminated Intense Copper	Topchic	60g	9
201923	4021609019237	5B@BK	Brazil Eluminated Brown Copper	Topchic	60g	9
201924	4021609019244	8SB@PK	Silver Blonde Eluminated Pink	Topchic	60g	9
201925	4021609019251	4R@VR	Dark Mahogany Brilliant Eluminated Violet Red	Topchic	60g	9
201926	4021609019268	4N@KK	Mid Brown Eluminated Intense Copper	Topchic	60g	9
201927	4021609019275	8N@GK	Light Blonde Eluminated Gold Copper	Topchic	60g	9
201928	4021609019282	7OO@GK	Sensational Orange Eluminated Gold Copper	Topchic	60g	9
201929	4021609019299	6VV@PK	Cool Steel Violet with a Frosted Shine	Topchic	60g	9
201930	4021609019305	7AK@PK	Subtle Cool Copper with a Rose Glow	Topchic	60g	9
201948	4021609019480	8CA@PB	Shimmering Cool Bronze with a Velvety Shine	Topchic	60g	9
201987	4021609384427	9N@Pk	Very Light Blonde Eluminated Pink	Topchic	60g	9
201988	4021609384434	7BP@Pk	Pearly Couture Eluminated Pink	Topchic	60g	9
201989	4021609384441	6NN@CV	Dark Blonde Eluminated Cool Violet	Topchic	60g	9
201990	4021609019909	11SN	Special Silver Natural Blonde	Topchic	60g	9
201991	4021609019916	11PB	Special Pearl Beige Blonde	Topchic	60g	9
201992	4021609019923	9MB	Very Light Jade Blonde	Topchic	60g	9
201993	4021609019930	8CA	Light Cool Ash Blonde	Topchic	60g	9
201994	4021609019947	6N@AV	Dark Blonde Eluminated Violet Ash	Topchic	60g	9
201995	4021609019954	6N@RB	Dark Ash Eluminated Red Brown	Topchic	60g	9
201996	4021609019961	4B@RR	Havana Brown Eluminated Intense Red	Topchic	60g	9
201997	4021609019978	5BG@KK	Brown Gold Eluminated Intense Copper	Topchic	60g	9
201998	4021609019985	6BP@VA	Pearly Couture Eluminated Violet Ash	Topchic	60g	9
201999	4021609019992	7SB@BL	Silver Beige Eluminated Blue	Topchic	60g	9
202203	4021609022039	5NBP	Light Brown Reflecting Opal	Nectaya	60g	9
202204	4021609022046	7NBP	Mid Blonde Reflecting Opal	Nectaya	60g	9
202205	4021609022053	9NBP	Very Light Blonde Opal	Nectaya	60g	9
202206	4021609022060	6NGB	Dark Blonde Reflecting Bronze	Nectaya	60g	9
202207	4021609022077	8NGB	Light Blonde Reflecting Bronze	Nectaya	60g	9
202208	4021609022084	5NBK	Light Brown Golden Topaz	Nectaya	60g	9
202209	4021609022091	7NBK	Mid Blonde Golden Topaz	Nectaya	60g	9
202210	4021609022107	6NKK	Dark Blonde Intense Copper	Nectaya	60g	9
202577	4021609025771		Hair & Body Shampoo	Dualsenses	300ml	13
202579	4021609025795		Thickening Shampoo	Dualsenses	300ml	13
202580	4021609025801		Anti-Dandruff Shampoo	Dualsenses	300ml	13
202655	4021609026556		Hair & Body Shampoo	Dualsenses	1L	13
202901	4021609029014		Color Brilliance Shampoo	Dualsenses	300ml	13
202903	4021609029038		Color Brilliance Shampoo	Dualsenses	1L	13
202906	4021609029069		Color Extra Rich Brilliance Shampoo	Dualsenses	300ml	13
202908	4021609029083		Color Extra Rich Brilliance Shampoo	Dualsenses	1L	13
202910	4021609029106		Blondes & Highlights Anti-Yellow Shampoo	Dualsenses	300ml	13
202912	4021609029120		Blondes & Highlights Anti-Yellow Shampoo	Dualsenses	1L	13
202914	4021609029144		Silver Shampoo	Dualsenses	300ml	13
202916	4021609029168		Just Smooth Taming Shampoo	Dualsenses	300ml	13
202918	4021609029182		Just Smooth Taming Shampoo	Dualsenses	1L	13
202920	4021609029205		Rich Repair Restoring Shampoo	Dualsenses	300ml	13
202922	4021609029229		Rich Repair Restoring Shampoo	Dualsenses	1L	13
202925	4021609029250		Ultra Volume Bodifying Shampoo	Dualsenses	300ml	13
202928	4021609029281		Ultra Volume Bodifying Shampoo	Dualsenses	1L	13
202936	4021609029366		Scalp Specialist Anti-Dandruff Shampoo	Dualsenses	250ml	13
202937	4021609029373		Scalp Specialist Deep Cleansing Shampoo	Dualsenses	250ml	13
202939	4021609029397		Scalp Specialist Deep Cleansing Shampoo	Dualsenses	1L	13
202980	4021609029809		Curls & Waves Shampoo - NEW	Dualsenses	300ml	13
203150	4021609031505		Vitensity 1	Vitensity	80ml	7
203151	4021609031512		Vitensity 2	Vitensity	80ml	7
203152	4021609031529		Vitensity 0	Vitensity	80ml	7
203153	4021609031536		Vitensity 1S	Vitensity	80ml	7
203462	4021609034629		Evolution Perm 0	Evolution	KIT	6
203463	4021609034636		Evolution Perm 1	Evolution	KIT	6
203464	4021609034643		Evolution Perm 1 Soft	Evolution	KIT	6
203468	4021609034681		Evolution Perm 2	Evolution	KIT	6

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204453	4021609044536		Vitenity Fix	Vitenity	1L	3
205015	4021609050155		Goldwell Elixir	Elixir	100ml	5
205355	4021609053552		Topform Pre-Curl Lotion	Vitenity	150ml	14
205499	4021609054993		Activating Scalp Tonic	Dualsenses	150ml	1
205623	4021609056232		Icy Blonde	Dualsenses	200ml	9
205624	4021609056249		Light Cool Blonde	Dualsenses	200ml	9
205625	4021609056256		Light Warm Blonde	Dualsenses	200ml	9
205626	4021609056263		Dark Warm Blonde	Dualsenses	200ml	9
205627	4021609056270		Warm Brown	Dualsenses	200ml	9
205628	4021609056287		Cool Brown	Dualsenses	200ml	9
205629	4021609056294		Warm Red	Dualsenses	200ml	9
205630	4021609056300		Cool Red	Dualsenses	200ml	9
205644	4021609056447		Light Blonde	Dualsenses	3.7g	5
205645	4021609056454		Medium To Dark Blonde	Dualsenses	3.7g	5
205646	4021609056461		Medium Brown	Dualsenses	3.7g	5
205647	4021609056478		Dark Brown	Dualsenses	3.7g	5
205648	4021609056485		Copper Red	Dualsenses	3.7g	5
206101	4021609061014		Color Brilliance Conditioner	Dualsenses	300ml	14
206102	4021609061021		Color 60sec Treatment	Dualsenses	200ml	14
206103	4021609061038		Color Brilliance Serum Spray	Dualsenses	150ml	1
206104	4021609061045		Color Brilliance Conditioner	Dualsenses	1L	14
206105	4021609061052		Color 60sec Treatment	Dualsenses	500ml	14
206110	4021609061106		Color Extra Rich Brilliance Conditioner	Dualsenses	300ml	14
206112	4021609061120		Color Extra Rich 60sec Treatment	Dualsenses	200ml	14
206113	4021609061137		Color Extra Rich 6 Effects Serum	Dualsenses	100ml	14
206114	4021609061144		Color Extra Rich Brilliance Conditioner	Dualsenses	1L	14
206115	4021609061151		Color Extra Rich 60sec Treatment	Dualsenses	500ml	14
206118	4021609061182		Blondes & Highlights Anti-Yellow Conditioner	Dualsenses	300ml	14
206120	4021609061205		Blondes & Highlights Brilliance Serum Spray	Dualsenses	150ml	1
206121	4021609061212		Blondes & Highlights 60sec Treatment	Dualsenses	200ml	14
206122	4021609061229		Blondes & Highlights Anti-Yellow Conditioner	Dualsenses	1L	14
206123	4021609061236		Blondes & Highlights 60sec Treatment	Dualsenses	500ml	14
206126	4021609061267		Just Smooth Taming Conditioner	Dualsenses	300ml	14
206128	4021609061281		Just Smooth Taming Oil	Dualsenses	100ml	14
206129	4021609061298		Just Smooth 6 Effects Serum	Dualsenses	100ml	14
206130	4021609061304		Just Smooth 60sec Treatment	Dualsenses	200ml	14
206132	4021609061328		Just Smooth Taming Conditioner	Dualsenses	1L	14
206133	4021609061335		Just Smooth 60sec Treatment	Dualsenses	500ml	14
206137	4021609061373		Rich Repair Restoring Conditioner	Dualsenses	300ml	14
206139	4021609061397		Rich Repair 60sec Treatment	Dualsenses	200ml	14
206140	4021609061403		Rich Repair Restoring Serum Spray	Dualsenses	150ml	1
206141	4021609061410		Rich Repair 6 Effects Serum	Dualsenses	100ml	14
206143	4021609061434		Rich Repair Restoring Conditioner	Dualsenses	1L	14
206144	4021609061441		Rich Repair 60sec Treatment	Dualsenses	500ml	14
206149	4021609061496		Ultra Volume Bodifying Conditioner	Dualsenses	300ml	14
206151	4021609061519		Ultra Volume Spray	Dualsenses	150ml	1
206152	4021609061526		Ultra Volume Bodifying Conditioner	Dualsenses	1L	14
206163	4021609061632		Scalp Specialist Sensitive Soothing Lotion	Dualsenses	150ml	1
206194	4021609061946		Color Intensive Serum	Dualsenses	12 x 18mL	1
206195	4021609061953		Color Extra Rich Intensive Serum	Dualsenses	12 x 18mL	1
206196	4021609061960		Blondes & Highlights Intensive Serum	Dualsenses	12 x 18mL	1
206197	4021609061977		Just Smooth Intensive Serum	Dualsenses	12 x 18mL	1
206198	4021609061984		Rich Repair Intensive Serum	Dualsenses	12 x 18mL	1
206221	4021609062219		Curls & Waves Serum Spray - NEW	Dualsenses	150ml	1
206224	4021609062240		Curls & Waves Conditioner - NEW	Dualsenses	300ml	14
210803	4021609108030		Bl@all	Elumen	200ml	9
210804	4021609108047		GK@all	Elumen	200ml	9
210805	4021609108054		Gn@all	Elumen	200ml	9
210806	4021609108061		KK@all	Elumen	200ml	9
210807	4021609108078		Pk@all	Elumen	200ml	9
210808	4021609108085		RR@all	Elumen	200ml	9
210809	4021609108092		RV@all	Elumen	200ml	9
210810	4021609108108		Tq@all	Elumen	200ml	9
210811	4021609108115		VV@all	Elumen	200ml	9
210812	4021609108122		YY@all	Elumen	200ml	9
210813	4021609108139		AN@5	Elumen	200ml	9
210814	4021609108146		NA@2	Elumen	200ml	9
210815	4021609108153		NB@4	Elumen	200ml	9

CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
210816	4021609108160		NB@5	Elumen	200ml	9
210817	4021609108177		BG@6	Elumen	200ml	9
210818	4021609108184		BK@6	Elumen	200ml	9
210819	4021609108191		BR@6	Elumen	200ml	9
210820	4021609108207		NG@6	Elumen	200ml	9
210821	4021609108214		AB@9	Elumen	200ml	9
210822	4021609108221		BG@7	Elumen	200ml	9
210823	4021609108238		GB@9	Elumen	200ml	9
210824	4021609108245		KB@7	Elumen	200ml	9
210825	4021609108252		NA@8	Elumen	200ml	9
210826	4021609108269		NB@10	Elumen	200ml	9
210827	4021609108276		SB@10	Elumen	200ml	9
210828	4021609108283		SV@10	Elumen	200ml	9
210829	4021609108290		Clear	Elumen	200ml	14
210885	4021609108856		NN@6	Elumen	200ml	9
210886	4021609108863		NN@8	Elumen	200ml	9
210887	4021609108870	Gy@9	Light Grey - NEW	Elumen	200ml	9
210888	4021609108887	Gy@6	Medium Grey - NEW	Elumen	200ml	9
210889	4021609108894		Pastel Mint@10	Elumen	200ml	9
210890	4021609108900		Pastel Blue@10	Elumen	200ml	9
210891	4021609108917		Pastel Rose@10	Elumen	200ml	9
210920	4021609109204		@Yellow	Elumen	120ml	9
210921	4021609109211		@Orange	Elumen	120ml	9
210922	4021609109228		@Red	Elumen	120ml	9
210923	4021609109235		@Violet	Elumen	120ml	9
210924	4021609109242		@Pink	Elumen	120ml	9
210925	4021609109259		@Blue	Elumen	120ml	9
210926	4021609109266		@Green	Elumen	120ml	9
210927	4021609109273		@Black	Elumen	120ml	9
210928	4021609109280		@Clear	Elumen	120ml	14
210929	4021609109297		@Pastel Rose	Elumen	120ml	9
210930	4021609109303		@Pastel Coral	Elumen	120ml	9
210931	4021609109310		@Pastel Mint	Elumen	120ml	9
210932	4021609109327		@Pastel Lavender	Elumen	120ml	9
210933	4021609109334		@Metallic Petrol - NEW	Elumen	120ml	9
210934	4021609109341		@Metallic Purple - NEW	Elumen	120ml	9
210935	4021609109358		@Metallic Silver - NEW	Elumen	120ml	9
210936	4021609109365		@Metallic Berry - NEW	Elumen	120ml	9
210942	4021609109426		Elumen PLAY Eraser	Elumen	12x30g	3
210945	4021609109457		Thickener	Elumen	100ml	9
210946	4021609109464		Lock	Elumen	250ml	1
210947	4021609109471		Prepare	Elumen	150ml	14
210948	4021609109488		Clean	Elumen	250ml	1
210949	4021609109495		Return	Elumen	250ml	1
210970	4021609109709		Elumen Shampoo	Elumen	250ml	13
210971	4021609109716		Elumen Shampoo	Elumen	1L	13
210972	4021609109723		Elumen Conditioner	Elumen	200ml	14
210973	4021609109730		Elumen Conditioner	Elumen	1L	14
210974	4021609109747		Elumen Leave-In Conditioner	Elumen	150ml	1
210975	4021609109754		Elumen Mask	Elumen	200ml	14
211135	4021609111351	5BG	Light Brown Brown Gold	Colorance	120ml	10
211136	4021609111368	6SB	Silver Brown	Colorance	120ml	10
211138	4021609111382	8SB	Silver Blonde	Colorance	120ml	10
211141	4021609111412	10	10 Silver	Can	120ml	10
211142	4021609111429	10	10 Champagne	Can	120ml	10
211143	4021609111436	10	10 Crème	Can	120ml	10
211144	4021609111443	4NN	Mid Brown Extra	Colorance	120ml	10
211145	4021609111450	5NN	Light Brown Extra	Colorance	120ml	10
211146	4021609111467	6NN	Dark Blonde Extra	Colorance	120ml	10
211147	4021609111474	7NN	Mid Blonde Extra	Colorance	120ml	10
211148	4021609111481	8NN	Light Blonde Extra	Colorance	120ml	10
211150	4021609111504	10G	Champagne Blonde	Colorance	120ml	10
211157	4021609111573	7RO	Striking Red Copper	Colorance	120ml	10
211158	4021609111580	5VA	Fascinating Violet Ash	Colorance	120ml	10
211181	4021609111818	10BS	Beige Silver Ice Blonde	Colorance	120ml	10
211182	4021609111825	10BG	Beige Gold Cinnamon Blonde	Colorance	120ml	10
211202	4021609112020	2N	Black	Colorance	120ml	10
211203	4021609112037	3N	Dark Brown	Colorance	120ml	10

CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
211204	4021609112044	4N	Mid Brown	Colorance	120ml	10
211205	4021609112051	5N	Light Brown	Colorance	120ml	10
211206	4021609112068	6N	Dark Blonde	Colorance	120ml	10
211207	4021609112075	7N	Mid Blonde	Colorance	120ml	10
211208	4021609112082	8N	Light Blonde	Colorance	120ml	10
211209	4021609112099	9N	Very Light Blonde	Colorance	120ml	10
211210	4021609112105	10N	Extra Light Blonde	Colorance	120ml	10
211211	4021609112112	9	9 Silver	Can	120ml	10
211212	4021609112129	9	9 Champagne	Can	120ml	10
211213	4021609112136	9	9 Crème	Can	120ml	10
211215	4021609112150	5K	Mahogany Copper	Colorance	120ml	10
211216	4021609112167	6KG	Dark Copper Gold	Colorance	120ml	10
211217	4021609112174	7NA	Mid Natural Ash Blonde	Colorance	120ml	10
211219	4021609112198	9NA	Very Light Natural Ash Blonde	Colorance	120ml	10
211222	4021609112228	2A	Blue Black	Colorance	120ml	10
211223	4021609112235	3NA	Dark Natural Ash Brown	Colorance	120ml	10
211225	4021609112259	5NA	Light Natural Ash Brown	Colorance	120ml	10
211226	4021609112266	6A	Dark Ash Blonde	Colorance	120ml	10
211228	4021609112280	8BP	Pearly Couture Light Blonde	Colorance	120ml	10
211229	4021609112297	10BP	Pearly Couture Extra Light Blonde	Colorance	120ml	10
211233	4021609112334	3VV	Dark Violet	Colorance	120ml	10
211234	4021609112341	4G	Chestnut	Colorance	120ml	10
211235	4021609112358	5VV	Very Violet	Colorance	120ml	10
211236	4021609112365	6VV	Vivid Violet	Colorance	120ml	10
211237	4021609112372	7G	Hazel	Colorance	120ml	10
211238	4021609112389	8G	Gold Blonde	Colorance	120ml	10
211244	4021609112440	4BP	Smoky Couture Brown Dark	Colorance	120ml	10
211245	4021609112457	5BP	Smoky Couture Brown Mid	Colorance	120ml	10
211246	4021609112464	6BP	Smoky Couture Brown Light	Colorance	120ml	10
211248	4021609112488	8GB	Sahara Light Beige Blonde	Colorance	120ml	10
211249	4021609112495	9GB	Sahara Blonde Extra Light Beige	Colorance	120ml	10
211256	4021609112563	6K	Copper Brilliant	Colorance	120ml	10
211258	4021609112587	8K	Light Copper Blonde	Colorance	120ml	10
211267	4021609112679	7KG	Mid Copper Gold	Colorance	120ml	10
211269	4021609112693	9KG	Extra Light Copper Gold	Colorance	120ml	10
211270	4021609112709	9MB	Very Light Jade Blonde	Colorance	120ml	10
211271	4021609112716	8CA	Light Cool Ash Blonde	Colorance	120ml	10
211272	4021609112723	9	9 Icy	Can	120ml	10
211273	4021609112730	10	10 Icy	Can	120ml	10
211276	4021609112761	6KR	Pomegranate	Colorance	120ml	10
211280	4021609112808		6 Lowlight	Can	120ml	10
211281	4021609112815		7 Lowlight	Can	120ml	10
211282	4021609112822		8 Lowlight	Can	120ml	10
211284	4021609112846	4R	Dark Mahogany Brilliant	Colorance	120ml	10
211285	4021609112853	5R	Teak	Colorance	120ml	10
211286	4021609112860	6R	Mahogany Brilliant	Colorance	120ml	10
211305	4021609113058	5RB	Dark Red Beech	Colorance	120ml	10
211306	4021609113065	6RB	Mid Red Beech	Colorance	120ml	10
211307	4021609113072	7RB	Light Red Beech	Colorance	120ml	10
211308	4021609113089	8BA	Smoky Beige Mid	Colorance	120ml	10
211309	4021609113096	9BA	Smoky Beige Light	Colorance	120ml	10
211310	4021609113102	10BA	Smoky Blonde	Colorance	120ml	10
211314	4021609113140	4V	Cyclamen	Colorance	120ml	10
211318	4021609113188	8OR	Light Blonde Orange Red	Colorance	120ml	10
211320	4021609113201	10V	Pastel Violet Blonde	Colorance	120ml	10
211325	4021609113256	5B	Brazil	Colorance	120ml	10
211326	4021609113263	6B	Gold Brown	Colorance	120ml	10
211327	4021609113270	7B	Safari	Colorance	120ml	10
211340	4021609113409	10P	Pastel Pearl Blonde	Colorance	120ml	10
211341	4021609113416	CLEAR	Clear	Colorance	120ml	10
211372	4021609113720	7BG	Mid Blonde Beige Gold	Colorance	120ml	10
211373	4021609113737	5MB	Dark Jade Brown	Colorance	120ml	10
211375	4021609113751	7MB	Light Jade Brown	Colorance	120ml	10
211376	4021609113768	8N@BS	Light Blonde Eluminated Beige Silver	Colorance	120ml	10
211377	4021609113775	7N@BP	Mid Blonde Eluminated Beige Pearl	Colorance	120ml	10
211378	4021609113782	7N@BK	Mid Blonde Eluminated Beige Copper	Colorance	120ml	10
211379	4021609113799	6N@RV	Dark Blonde Eluminated Red Violet	Colorance	120ml	10
211380	4021609113805	6N@KK	Dark Blonde Eluminated Intense Copper	Colorance	120ml	10

CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
211381	4021609113812	6N@GB	Dark Blonde Eluminated Gold Brown	Colorance	120ml	10
211382	4021609113829	5N@RR	Light Brown Eluminated Intense Red	Colorance	120ml	10
211383	4021609113836	5N@BP	Light Brown Eluminated Brown Pearl	Colorance	120ml	10
211384	4021609113843	5N@BK	Light Brown Eluminated Brown Copper	Colorance	120ml	10
211385	4021609113850	7RR@RR	Luscious Red Eluminated Intense Red	Colorance	120ml	10
211386	4021609113867	6RR@PK	Dramatic Red Eluminated Pink	Colorance	120ml	10
211387	4021609113874	6K@KK	Copper Brilliant Eluminated Intense Copper	Colorance	120ml	10
211388	4021609113881	5B@BK	Brazil Eluminated Brown Copper	Colorance	120ml	10
211389	4021609113898	8SB@PK	Silver Blonde Eluminated Pink	Colorance	120ml	10
211390	4021609113904	4R@VR	Dark Mahogany Brilliant Eluminated Violet Red	Colorance	120ml	10
211391	4021609113911	4N@KK	Mid Brown Eluminated Intense Copper	Colorance	120ml	10
211392	4021609113928	8N@GK	Light Blonde Eluminated Gold Copper	Colorance	120ml	10
211393	4021609113935	7OO@GK	Sensational Orange Eluminated Gold Copper	Colorance	120ml	10
211399	4021609113997	6VV@PK	Cool Steel Violet with a Frosted Shine	Colorance	120ml	10
211400	4021609114000	7AK@PK	Subtle Cool Copper with a Rose Glow	Colorance	120ml	10
211401	4021609114017	8CA@PB	Shimmering Cool Bronze with a Velvety Shine	Colorance	120ml	10
211402	4021609114024	10@BEIGE MINT	Eluminated Beige Mint - NEW	Colorance	120ml	10
211403	4021609114031	10@LAVENDER	Eluminated Lavender - NEW	Colorance	120ml	10
211404	4021609114048	10@ROSE	Eluminated Rose - NEW	Colorance	120ml	10
211450	4021609114505		Pastel Mint	Can	120ml	10
211451	4021609114512		Pastel Indigo	Can	120ml	10
211452	4021609114529		Pastel Rose	Can	120ml	10
211453	4021609114536		Pastel Lavender	Can	120ml	10
211454	4021609114543		Pastel Peach	Can	120ml	10
211457	4021609114574	7RR	Luscious Red	Colorance	120ml	10
211458	4021609114581	5BV	Reallusion Sparkling Brown	Colorance	120ml	10
211459	4021609114598	10BB	Reallusion Peachy Beige	Colorance	120ml	10
211647	4021609116479	7RO	Striking Red Copper	Colorance	60g	9
211651	4021609116516	10	10 Silver	Tube	60g	9
211652	4021609116523	10	10 Champagne	Tube	60g	9
211653	4021609116530	10	10 Crème	Tube	60g	9
211654	4021609116547	4NN	Mid Brown Extra	Colorance	60g	9
211655	4021609116554	5NN	Light Brown Extra	Colorance	60g	9
211656	4021609116561	6NN	Dark Blonde Extra	Colorance	60g	9
211657	4021609116578	7NN	Mid Blonde Extra	Colorance	60g	9
211658	4021609116585	8NN	Light Blonde Extra	Colorance	60g	9
211660	4021609116608	RR-MIX	Red Mix	Colorance	60g	9
211661	4021609116615	KK-MIX	Copper Mix	Colorance	60g	9
211662	4021609116622	GG-MIX	Gold Mix	Colorance	60g	9
211663	4021609116639	P-MIX	Pearl Mix	Colorance	60g	9
211665	4021609116653	VV-MIX	Violet Mix	Colorance	60g	9
211678	4021609116783	5VA	Fascinating Violet Ash	Colorance	60g	9
211681	4021609116813	10BS	Beige Silver Ice Blonde	Colorance	60g	9
211682	4021609116820	10BG	Beige Gold Cinnamon Blonde	Colorance	60g	9
211702	4021609117025	2N	Black	Colorance	60g	9
211703	4021609117032	3N	Dark Brown	Colorance	60g	9
211704	4021609117049	4N	Mid Brown	Colorance	60g	9
211705	4021609117056	5N	Light Brown	Colorance	60g	9
211706	4021609117063	6N	Dark Blonde	Colorance	60g	9
211707	4021609117070	7N	Mid Blonde	Colorance	60g	9
211708	4021609117087	8N	Light Blonde	Colorance	60g	9
211709	4021609117094	9N	Very Light Blonde	Colorance	60g	9
211710	4021609117100	10N	Extra Light Blonde	Colorance	60g	9
211711	4021609117117	9	9 Silver	Tube	60g	9
211712	4021609117124	9	9 Champagne	Tube	60g	9
211713	4021609117131	9	9 Crème	Tube	60g	9
211715	4021609117155	5K	Mahogany Copper	Colorance	60g	9
211716	4021609117162	6KG	Dark Copper Gold	Colorance	60g	9
211717	4021609117179	7NA	Mid Natural Ash Blonde	Colorance	60g	9
211719	4021609117193	9NA	Very Light Natural Ash Blonde	Colorance	60g	9
211722	4021609117223	2A	Blue Black	Colorance	60g	9
211723	4021609117230	3NA	Dark Natural Ash Brown	Colorance	60g	9
211724	4021609117247	8BP	Pearly Couture Light Blonde	Colorance	60g	9
211725	4021609117254	5NA	Light Natural Ash Brown	Colorance	60g	9
211726	4021609117261	6A	Dark Ash Blonde	Colorance	60g	9
211728	4021609117285	8OR	Light Blonde Orange Red	Colorance	60g	9
211729	4021609117292	10BP	Pearly Couture Extra Light Blonde	Colorance	60g	9
211734	4021609117346	4G	Chestnut	Colorance	60g	9

CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
211735	4021609117353	5BG	Light Brown Brown Gold	Colorance	60g	9
211737	4021609117377	7G	Hazel	Colorance	60g	9
211738	4021609117384	8G	Gold Blonde	Colorance	60g	9
211740	4021609117407	10G	Champagne Blonde	Colorance	60g	9
211744	4021609117445	4BP	Pearly Couture Brown Dark	Colorance	60g	9
211745	4021609117452	5BP	Pearly Couture Brown Mid	Colorance	60g	9
211746	4021609117469	6BP	Pearly Couture Brown Light	Colorance	60g	9
211748	4021609117483	8GB	Sahara Light Beige Blonde	Colorance	60g	9
211749	4021609117490	9GB	Sahara Blonde Extra Light Beige	Colorance	60g	9
211756	4021609117568	6K	Copper Brilliant	Colorance	60g	9
211758	4021609117582	8K	Light Copper Blonde	Colorance	60g	9
211762	4021609117629	7BG	Mid Blonde Beige Gold	Colorance	60g	9
211763	4021609117636	5MB	Dark Jade Brown	Colorance	60g	9
211765	4021609117650	7MB	Light Jade Brown	Colorance	60g	9
211767	4021609117674	7KG	Mid Copper Gold	Colorance	60g	9
211769	4021609117698	9KG	Extra Light Copper Gold	Colorance	60g	9
211776	4021609117766	6KR	Pomegranate	Colorance	60g	9
211784	4021609117841	4R	Dark Mahogany Brilliant	Colorance	60g	9
211785	4021609117858	5R	Teak	Colorance	60g	9
211786	4021609117865	6R	Mahogany Brilliant	Colorance	60g	9
211793	4021609117933	3VV	Dark Violet	Colorance	60g	9
211795	4021609117957	5VV	Very Violet	Colorance	60g	9
211796	4021609117964	6VV	Vivid Violet	Colorance	60g	9
211800	4021609118008	9MB	Very Light Jade Blonde	Colorance	60g	9
211801	4021609118015	8CA	Light Cool Ash Blonde	Colorance	60g	9
211802	4021609118022	9	9 Icy	Tube	60g	9
211803	4021609118039	10	10 Icy	Tube	60g	9
211805	4021609118053	5RB	Dark Red Beech	Colorance	60g	9
211806	4021609118060	6RB	Mid Red Beech	Colorance	60g	9
211807	4021609118077	7RB	Light Red Beech	Colorance	60g	9
211808	4021609118084	8BA	Smoky Beige Mid	Colorance	60g	9
211809	4021609118091	9BA	Smoky Beige Light	Colorance	60g	9
211810	4021609118107	10BA	Smoky Blonde	Colorance	60g	9
211811	4021609118114		6 Lowlight	Tube	60g	9
211812	4021609118121		7 Lowlight	Tube	60g	9
211813	4021609118138		8 Lowlight	Tube	60g	9
211814	4021609118145	4V	Cyclamen	Colorance	60g	9
211820	4021609118206	10V	Pastel Violet Blonde	Colorance	60g	9
211825	4021609118251	5B	Brazil	Colorance	60g	9
211826	4021609118268	6B	Gold Brown	Colorance	60g	9
211827	4021609118275	7B	Safari	Colorance	60g	9
211840	4021609118404	10P	Pastel Pearl Blonde	Colorance	60g	9
211841	4021609118411	CLEAR	Clear	Colorance	60g	9
211858	4021609118589		Pastel Mint	Tube	60g	9
211859	4021609118596		Pastel Indigo	Tube	60g	9
211860	4021609118602		Pastel Rose	Tube	60g	9
211861	4021609118619		Pastel Lavender	Tube	60g	9
211862	4021609118626		Pastel Peach	Tube	60g	9
211876	4021609118763	6SB	Silver Brown	Colorance	60g	9
211878	4021609118787	8SB	Silver Blonde	Colorance	60g	9
211887	4021609118879	7RR	Luscious Red	Colorance	60g	9
211889	4021609118893	10BB	Reallisuion Peachy Beige	Colorance	60g	9
211890	4021609118909	7RR@RR	Luscious Red Eluminated Intense Red	Colorance	60g	9
211891	4021609118916	6RR@PK	Dramatic Red Eluminated Pink	Colorance	60g	9
211892	4021609118923	6K@KK	Copper Brilliant Eluminated Intense Copper	Colorance	60g	9
211893	4021609118930	5B@BK	Brazil Eluminated Brown Copper	Colorance	60g	9
211894	4021609118947	8SB@PK	Silver Blonde Eluminated Pink	Colorance	60g	9
211895	4021609118954	4R@VR	Dark Mahogany Brilliant Eluminated Violet Red	Colorance	60g	9
211896	4021609118961	4N@KK	Mid Brown Eluminated Intense Copper	Colorance	60g	9
211898	4021609118985	7OO@GK	Sensational Orange Eluminated Gold Copper	Colorance	60g	9
211921	4021609119210	8N@BS	Light Blonde Eluminated Beige Silver	Colorance	60g	9
211922	4021609119227	7N@BP	Mid Blonde Eluminated Beige Pearl	Colorance	60g	9
211923	4021609119234	7N@BK	Mid Blonde Eluminated Beige Copper	Colorance	60g	9
211924	4021609119241	6N@RV	Dark Blonde Eluminated Red Violet	Colorance	60g	9
211925	4021609119258	6N@KK	Dark Blonde Eluminated Intense Copper	Colorance	60g	9
211926	4021609119265	6N@GB	Dark Blonde Eluminated Gold Brown	Colorance	60g	9
211928	4021609119289	5N@BP	Light Brown Eluminated Brown Pearl	Colorance	60g	9
211929	4021609119296	5N@BK	Light Brown Eluminated Brown Copper	Colorance	60g	9

CODE	BARCODE	SHADE	PRODUCT NAME	TYPE	SIZE	SDS Number Salon Guide MSDS
211935	4021609119357	6VV@PK	Cool Steel Violet with a Frosted Shine	Colorance	60g	9
211936	4021609119364	7AK@PK	Subtle Cool Copper with a Rose Glow	Colorance	60g	9
211937	4021609119371	8CA@PB	Shimmering Cool Bronze with a Velvety Shine	Colorance	60g	9
211938	4021609119388	10@BEIGE MINT	Eluminated Beige Mint - NEW	Colorance	60g	9
211939	4021609119395	10@LAVENDER	Eluminated Lavender - NEW	Colorance	60g	9
211940	4021609119401	10@ROSE	Eluminated Rose - NEW	Colorance	60g	9
212205	4021609122050	5N	Light Brown	Colorance	30ml	9
212207	4021609122074	7N	Mid Blonde	Colorance	30ml	9
212237	4021609122371	7G	Hazel	Colorance	30ml	9
212256	4021609122562	6K	Copper Brilliant	Colorance	30ml	9
212275	4021609122753	5B	Brazil	Colorance	30ml	9
212285	4021609122852	5R	Teak	Colorance	30ml	9
213300	4021609133001	5N	Light Brown	Colorance	120g	10
213301	4021609133018	6N	Dark Blonde	Colorance	120g	10
213302	4021609133025	7N	Mid Blonde	Colorance	120g	10
213303	4021609133032	8N	Light Blonde	Colorance	120g	10
213305	4021609133056	7G	Hazel	Colorance	120g	10
213306	4021609133063	8G	Gold Blonde	Colorance	120g	10
213307	4021609133070	9GB	Sahara Blonde Extra Light Beige	Colorance	120g	10
213308	4021609133087	6K	Copper Brilliant	Colorance	120g	10
213309	4021609133094	8K	Light Copper Blonde	Colorance	120g	10
213310	4021609133100	7KG	Mid Copper Gold	Colorance	120g	10
213311	4021609133117	6R	Mahogany Brilliant	Colorance	120g	10
213312	4021609133124	6RB	Mid Red Beech	Colorance	120g	10
213313	4021609133131	10V	Pastel Violet Blonde	Colorance	120g	10
213314	4021609133148	6B	Gold Brown	Colorance	120g	10
213315	4021609133155	10B	Pastel Beige Blonde	Colorance	120g	10
213316	4021609133162	10P	Pastel Pearl Blonde	Colorance	120g	10
213317	4021609133179	6MB	Mid Jade Brown	Colorance	120g	10
213318	4021609133186	10BG	Beige Gold Cinnamon Blonde	Colorance	120g	10
213319	4021609133193	10BS	Beige Silver Ice Blonde	Colorance	120g	10
213320	4021609133209	REF	Refresher Gloss	Colorance	120g	10
214006	4021609140061	5CA	Cool Ash Light Brown	ReShade	4 x 20ml	8
214007	4021609140078	6CA	Cool Ash Mid Blonde	ReShade	4 x 20ml	8
214008	4021609140085	7CA	Cool Ash Light Blonde	ReShade	4 x 20ml	8
226963	4021609269632		Power Gel	Dualsenses	150ml	5
226964	4021609269649		Texture Cream Paste	Dualsenses	100ml	5
226965	4021609269656		Dry Styling Wax	Dualsenses	50ml	5
227500	4021609275008		Double Boost	Stylesign	200ml	11
227502	4021609275022		Power Whip	Stylesign	300ml	12
227507	4021609275077		Big Finish	Stylesign	500ml	11
227509	4021609275091		Lagoon Jam	Stylesign	150ml	5
227510	4021609275107		Naturally Full	Stylesign	200ml	11
227512	4021609275121		Glamour Whip	Stylesign	300ml	12
227513	4021609275138		Magic Finish	Stylesign	300ml	11
227521	4021609275213		Showcaser	Stylesign	125ml	5
227523	4021609275237		Flat Marvel	Stylesign	100ml	5
227524	4021609275244		Sleek Perfection	Stylesign	100ml	1
227527	4021609275275		Texturizer	Stylesign	200ml	1
227529	4021609275299		Crystal Turn	Stylesign	100ml	5
227530	4021609275305		Mellogoo	Stylesign	100ml	5
227531	4021609275312		Superego	Stylesign	75ml	5
227537	4021609275374		Unlimitor	Stylesign	150ml	11
227541	4021609275411		Roughman	Stylesign	100ml	5
227544	4021609275442		Smooth Control	Stylesign	200ml	1
227611	4021609275329		Hardliner	Stylesign	140ml	5
227932	4021609279327		Body Pumper	Stylesign	150ml	5
227934	4021609279341		Soft Volumizer	Stylesign	200ml	1
227936	4021609279365		Matte Rebel	Stylesign	75ml	5
227939	4021609279396		Twist Around - NEW	Stylesign	200ml	11
227941	4021609279419		Curly Splash - NEW	Stylesign	100ml	5
227942	4021609279426		Surf Oil - NEW	Stylesign	200ml	1
227943	4021609279433		Curly Control - NEW	Stylesign	100ml	14
227981	4021609279815		Dry Boost	Stylesign	200ml	11
227985	4021609279853		Dust Up	Stylesign	10g	5
257654	9319851576543		Hair Lacquer Super Hold	Hair Lacquer	400g	11
257655	9319851576550		Hair Lacquer Regular Hold	Hair Lacquer	400g	11
257750	9319851577502		Hair Lacquer Super Hold	Hair Lacquer	500g	11

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257754	9319851908924		Hair Lacquer Regular Hold	Hair Lacquer	100g	11
257755	9319851908931		Hair Lacquer Super Hold	Hair Lacquer	100g	11
265189	4021609651895		Revitalize Exfoliating Pre-Wash	Kerasilk	250ml	1
265190	4021609651901		Revitalize Rebalancing Scalp Foundation	Kerasilk	125ml	12
265191	4021609651918		Revitalize Nourishing Shampoo	Kerasilk	1000ml	13
265192	4021609651925		Revitalize Nourishing Shampoo	Kerasilk	250ml	13
265193	4021609651932		Revitalize Nourishing Serum	Kerasilk	100ml	14
265194	4021609651949		Revitalize Detoxifying Shampoo	Kerasilk	250ml	13
265195	4021609651956		Revitalize Detoxifying Serum	Kerasilk	100ml	1
265200	4021609652007		Control Shampoo	Kerasilk	250ml	13
265201	4021609652014		Control Conditioner	Kerasilk	200ml	14
265202	4021609652021		Control Intensive Smoothing Mask	Kerasilk	200ml	14
265203	4021609652038		Control Rich Protective Oil	Kerasilk	75ml	14
265204	4021609652045		Control Smoothing Fluid	Kerasilk	75ml	14
265206	4021609652069		Control Purifying Shampoo	Kerasilk	1000ml	13
265207	4021609652076		Control Shampoo	Kerasilk	1000ml	13
265208	4021609652083		Control Conditioner	Kerasilk	1000ml	14
265209	4021609652090		Control Intensive Mask	Kerasilk	500ml	14
265214	4021609652144		Control Finishing Cream Serum	Kerasilk	12x22ml	14
265215	4021609652151		Reconstruct Shampoo	Kerasilk	250ml	13
265216	4021609652168		Reconstruct Conditioner	Kerasilk	200ml	14
265217	4021609652175		Reconstruct Intensive Repair Mask	Kerasilk	200ml	14
265218	4021609652182		Reconstruct Restorative Balm	Kerasilk	75ml	14
265219	4021609652199		Reconstruct Regenerating Blow-Dry Spray	Kerasilk	125ml	1
265220	4021609652205		Reconstruct Split Ends Recovery Concentrate	Kerasilk	28ml	14
265222	4021609652229		Reconstruct Shampoo	Kerasilk	1000ml	13
265223	4021609652236		Reconstruct Conditioner	Kerasilk	1000ml	14
265224	4021609652243		Reconstruct Intensive Repair Mask	Kerasilk	500ml	14
265225	4021609652250		Reconstruct Intensive Repair Pre-treatment	Kerasilk	125ml	14
265226	4021609652267		Reconstruct Intensive Repair Treatment	Kerasilk	500ml	14
265227	4021609652274		Repower Volume Shampoo	Kerasilk	250ml	13
265228	4021609652281		Repower Volume Foam Conditioner	Kerasilk	150ml	12
265229	4021609652298		Repower Volume Blow-Dry Spray	Kerasilk	125ml	1
265230	4021609652304		Repower Volume Plumping Cream	Kerasilk	75ml	14
265231	4021609652311		Repower Volume Dry Shampoo	Kerasilk	200ml	16
265232	4021609652328		Repower Volume Intensive Treatment	Kerasilk	500ml	14
265234	4021609652342		Repower Volume Shampoo	Kerasilk	1000ml	13
265235	4021609652359		Repower Volume Intensifying Post Treatment	Kerasilk	125ml	1
265241	4021609652410		Color Conditioner	Kerasilk	200ml	14
265242	4021609652427		Color Intensive Lustre Mask	Kerasilk	200ml	14
265243	4021609652434		Color Protective Blow-Dry Spray	Kerasilk	125ml	1
265244	4021609652441		Color Gentle Dry Shampoo	Kerasilk	200ml	16
265245	4021609652458		Color Cleansing Conditioner	Kerasilk	250ml	14
265247	4021609652472		Color Structure Balancing Treatment	Kerasilk	125ml	1
265248	4021609652489		Color Finishing Cream Serum	Kerasilk	12x22ml	14
265249	4021609652496		Color Shampoo	Kerasilk	1000ml	13
265250	4021609652502		Color Conditioner	Kerasilk	1000ml	14
265251	4021609652519		Color Intensive Lustre Mask	Kerasilk	500ml	14
265294	4021609652946		Color Gentle Shampoo	Kerasilk	250ml	13
265302	4021609653028		Color Brilliance Primer	Kerasilk	125ml	1
265303	4021609653035		Color Brilliance Creator	Kerasilk	500ml	14
265307	4021609653073		Color Brilliance Perfector	Kerasilk	75ml	14
265350	4021609653509		Bodifying Volume Mousse	Kerasilk	150ml	12
265351	4021609653516		Fixing Effect Hairspray	Kerasilk	300ml	11
265353	4021609653530		Texturizing Finish Spray	Kerasilk	200ml	11
265355	4021609653554		Smoothing Sleek Spray	Kerasilk	75ml	1
265356	4021609653561		Enhancing Curl Crème	Kerasilk	75ml	5
265357	4021609653578		Forming Shape Spray	Kerasilk	125ml	5
265358	4021609653585		Accentuating Finish Crème	Kerasilk	50ml	5
265680	4021609656807		Control De-Frizz Tame	Kerasilk	500ml	14
265681	4021609656814		Control De-Frizz Smooth	Kerasilk	500ml	14
265682	4021609656821		Control De-Frizz Primer	Kerasilk	75ml	14
265683	4021609656838		Control Humidity Barrier Spray	Kerasilk	150ml	11
266145	4021609661450		Thickener	System	100ml	9
266146	4021609661467		@Pure Red	@Pure Pigments	50ml	9
266147	4021609661474		@Matte Green	@Pure Pigments	50ml	9
266148	4021609661481		@Pure Violet	@Pure Pigments	50ml	9
266149	4021609661498		@Pure Yellow	@Pure Pigments	50ml	9

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266150	4021609661504		@Pearl Blue	@Pure Pigments	50ml	9
266151	4021609661511		@Pure Orange	@Pure Pigments	50ml	9
266152	4021609661528		@Cool Violet	@Pure Pigments	50ml	9
266153	4021609661535		@Cool Pink	@Pure Pigments	50ml	9
266155	4021609661559		Structure Equalizer	System	150ml	1
266156	4021609661566		Color Remover Skin	System	150ml	1
266157	4021609661573		Hair Color Remover - NEW	System	12x30g	3