


SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

1.1	Product	Affinage 40vol (12%) Peroxide
1.2	Recommended use	For use with hair dye
1.3	Supplier	International Hair Cosmetics Group Pty Ltd 14 India Street (Cnr Tombo Street), Capalaba, QLD, 4157.
1.4	Telephone number	61 7 3823 4566 (Weekdays 9.00 am to 5.00 pm). After hours call the Poisons Information Centre (phone Australia 131 126; New Zealand 0800 764 766).
1.5	Other Information	All reasonable care has been taken to ensure that the information and advice contained within this safety data sheet is accurate at the time of printing. However, the supplier accepts no liability for any loss or damage suffered as a consequence of reliance of the information contained herein.

SECTION 2: HAZARD(S) IDENTIFICATION

2.1	Poisons schedule (Aust)	Schedule 5 - Hydrogen Peroxide
2.2	Hazard classification	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).
2.3	Hazard categories	Eye Damage/Irritation - Category 1
2.4	Pictograms	
2.5	Signal word	Danger
2.6	Hazard statements	H318: Causes serious eye damage.
2.7	Precautionary statements	<i>Prevention</i> P280: Wear protective gloves/protective clothing/eye protection/face protection. <i>Response</i> P305 + P351 + P338: 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 CENTRE/Doctor.
2.8	National Transport Commission (Aust) Dangerous Goods Classification	Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

3.1	Chemical Identity	Cas Number	Proportion
	Hydrogen Peroxide	7722-84-1	10 - 15%
	All non-hazardous ingredients		up to 100%

SECTION 4: FIRST-AID MEASURES

4.1	Description of necessary measures according to routes of exposure.	
	Swallowed	Rinse mouth with water. DO NOT induce vomiting. Give a glass of water. Seek medical advice.
	Eye	Immediately wash in and around the eye with large amounts of lukewarm water for at least 15 minutes. Remove contact lenses if present and easy to do. Eyelids to be held apart while flushing. If irritation continues, seek medical advice.
	Skin	If irritation occurs, wash excess from skin with water and seek medical advice. Discontinue use.
	Inhalation	No effect expected. Remove from exposure site to fresh air. Keep individual at rest and seek medical advice.
	Advice to doctor	Treat symptomatically based on judgement of doctor and individual reactions of patient.

SECTION 5: FIRE-FIGHTING MEASURES

5.1	Extinguishing media	No restrictions on type of extinguisher that can be used. Use extinguishing media suitable for surrounding area.
5.2	Fire fighting	Alert emergency services and tell them the location and nature of the hazard. Wear self contained breathing apparatus (SCBA) and protective gloves in the event of a fire. Prevent spills and fire water from entering drains or water courses. Use firefighting procedures suitable for surrounding area.
5.3	Fire/Explosion hazard	Decomposition may produce toxic or irritating fumes. Decomposition products could include oxides of carbon, oxides of silicon, oxides of phosphorous, oxides of nitrogen, oxides of sulfur, metal oxides, formaldehyde, phenol, oxygen, and other irritating and/or highly toxic gases. Closed containers may build up pressure when exposed to heat; these should be cooled with water spray.
5.4	HAZCHEM	HAZCHEM Code 2P. All fire extinguishing media is appropriate. Major spills should be contained.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	General response procedure	Slippery when spilled. Stop leak if safe to do so. Wear protective (disposable) gloves and eye protection while cleaning up spills.
6.2	Containment/Environmental	Contain spilled material and do not let it enter storm water drains or waterways. If product does enter a storm water drain or waterway, advise the Environmental Protection Authority.
6.3	Clean up procedure	Clean up immediately. Cover with an inert absorbent material. Sweep up and remove to an approved disposal container. Observe local, state and federal disposal regulations.

SECTION 7: HANDLING AND STORAGE

7.1	Handling	Observe good personal hygiene practices. Wash hands thoroughly after use. When handling bulk product, glasses with side shields and protective (disposable) gloves are recommended. Avoid contact with eyes. Never return unused hydrogen peroxide to the original container. Contamination may cause decomposition and generation of oxygen gas, which could result in high container pressures and possible container rupture.
7.2	Storage	Storage in large quantities (i.e. warehouses) should be in cool, well-ventilated areas. Keep containers out of direct sunlight and away from combustible materials. Keep cool. Containers should be visually inspected on a regular basis to detect any abnormalities (swollen drums, increases in temperature, etc.). Incompatible materials include combustible materials, strong reducing agents, heavy metals, iron, copper alloys, and organic matter.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1	No exposure standards have been established for this product by Safe Work Australia (SWA).	
	Exposure limits	Ingredient with workplace control parameters. Hydrogen peroxide (7722-84-1) TWA: 1 ppm (1.4mg/m ³) (Adopted from the National Exposure Standards for Atmospheric Contaminants in the Occupational Environment (Australia).
	Biological limits	No data available.
	Personal	When handling bulk product, glasses with side shields and protection (disposable) gloves are recommended. No PPE recommended for end use.
	Work hygiene practices	Wash hands after contact with this material. Do not eat or drink around this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Physical state	Viscous liquid.
9.2	Appearance	White to off white.
9.3	Odour	Odourless.
9.4	pH	1.70 - 1.90
9.5	Solubility	No data available.
9.6	Specific gravity	0.99 - 1.10 g/cm ³
9.7	Vapour pressure @ 20°C	No data available.
9.8	Relative vapour density	No data available.
9.9	Flash Point	N/A
9.10	Flammability limits	N/A
9.11	Auto ignition temperature	N/A
9.12	Boiling point	No data available.
9.13	Evaporation rate	No data available.
9.14	Freezing point	No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1	Chemical stability	Product is stable under normal conditions of storage and use.
10.2	Conditions to avoid	Protect from heat and direct sunlight.
10.3	Incompatible materials	Keep away from strong oxidising agents, acids, bases, metals, heavy metal salts, powdered metal salts and reducing agents.
10.4	Hazardous decomposition products	Decomposition may result in toxic or irritating fumes. Decomposition products could include oxides of carbon, oxides of silicon, oxides of phosphorous, oxides of nitrogen, oxides of sulfur, metal oxides, formaldehyde, phenol, oxygen, and other irritation and/or highly toxic gases.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Acute toxicity	Acute toxicity data based on data for hydrogen peroxide: LD50 Oral 1232mg/kg (H ₂ O ₂ 35%)
11.2	Skin corrosion/Irritation	Causes skin irritation. Follow first aid measures.
11.3	Serious eye damage/Irritation	Causes serious eye irritation. Follow first aid measures.
11.4	Respiratory/Skin sensitisation	Not expected to be a sensitiser.
11.5	Germ cell mutagenicity	Not considered to be mutagenic hazard.
11.6	Carcinogenicity	Not considered to be a carcinogenic hazard.
11.7	Reproductive toxicity	Not considered to be toxic to reproduction.
11.8	Specific target organ toxicity (STOT) - single exposure	May cause respiratory system irritation. Follow first aid measures.
11.9	Specific target organ toxicity (STOT) - repeated exposure	Not expected to cause toxicity to a specific target organ.
11.10	Aspiration hazard	Not expected to be an aspiration hazard.
11.11	Other	No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1	Ecotoxicity	No data available.
12.2	Persistence and degradability	Considered to be readily biodegradable.
12.3	Mobility	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	General Information	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with all local, state and federal regulations, or recycled/reconditioned at an approved facility.
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SECTION 14: TRANSPORT INFORMATION

14.1	Proper shipping name	Hydrogen Peroxide, Aqueous Solution
14.2	Pack group	III
14.3	Class	5.1
14.4	UN number	2984
14.5	Hazchem	2P
14.6	Special provision	No data available.
14.7	Subsidiary risk(s)	No data available.
14.8	Dangerous goods classification	Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).

SECTION 15: REGULATORY INFORMATION

15.1	General information	No data Available
15.2	Globally harmonised system (GHS)	<i>Eye Damage/Irritation - Category 1</i> H318: Causes serious eye damage. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact P310: Immediately call a POISON CENTRE/Doctor.
	Poisons schedule (Aust)	Schedule 5.

SECTION 16: OTHER RELEVANT INFORMATION

16.1	Issue Date	28 March 2018
16.2	Version	Version 2

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. International Hair Cosmetics Group Pty Ltd can not anticipate or control the conditions under which the product may be used, so each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact their International Hair Cosmetics Group Pty Ltd representative at the contact details on page 1.

End of SDS