

SECTION 1: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

1.1	Product	Arctic Blonding on scalp crème lightening
1.2	Recommended use	Hair bleaching cream.
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 the information container herein.

SECTION 2: HAZARD(S) IDENTIFICATION2.1 **Hazard classification****GHS07 - Exclamation Mark****GHS08 - Health Hazard**2.2 **Signal word**

Hazard

2.3 **Hazard statements**

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.

Precautionary statements**Prevention**

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash the hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P332 + P313: If skin irritation occurs, get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

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.

P304+P341: IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P403+P233: Store in a well-ventilated place, keep container tightly closed.

Warning and precautions - storage and disposal

P501: Dispose the contents in accordance with local / regional / national / international regulations.

Warnings and precautions - reaction**SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS**3.1 **Generic Composition**

The cream is composed of: wax, oils, mineral persulfates, silicates, metasilicates, soaps and cellulose.

3.2 **Composition of dangerous compounds**

The compound is classified as dangerous, according to section 2.1.

3.2a **Information on dangerous ingredients/substances contained in the compound.**

InciUe	N°CAS	N°EINECS	Conc%	GHS Codes	Hazard Statements
Potassium Persulfate	7727-21-1	231-781-8	25-50	GHS07, GHS09	H272, H302, H315, H317, H319, H334, H335
Ammonium Persulfate	7727-54-0	231-786-5	10-25	GHS07, GHS09	H272, H302, H315, H317, H319, H334, H335
Sodium Metasilicate	6834-92-0	229-912-9	10-25	GHS05, GHS07	H290, H314, H335

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Sodium Silicate	1344-09-8	215-687-4	5-10	GHS05, GHS07	H315, H319, H335
Sodium Persulfate	7775-27-1	231-892-1	5-10	GHS03, GHS07	H272, H302, H315, H317, H319, H334, H335

3.3 List of dangerous substances for compounds that are not classified as dangerous in compliance with EU Directive 1999/45/EC: N.A.

3.4 Classification according to articles 4 and 6 of Directive 67/548/EC: N.A.

SECTION 4: FIRST-AID MEASURES

Call the Poisons Information Centre (phone Australia 131 126; New Zealand 0800 764 766) if you feel you may have been harmed or irritated by this product. Have this SDS with you when you call.

4.1	Inhalation	Immediately remove to fresh air. If breathing difficulty develops, seek medical attention.
4.2	Skin contact	Rinse immediately with water.
4.3	Eye contact	Flush with plenty of water immediately. Remove contact lenses if used. Seek medical attention if necessary.
4.4	Ingestion	Rinse the mouth without swallowing. Seek medical attention if necessary.

SECTION 5: FIRE-FIGHTING MEASURES

5.1	Suitable extinguishing media	Water, water spray, CO ₂ , foam. Use until completed extinguishment.
5.2	Extinguishing media which must not be used for safety reasons	None. Some extinguishing media (chemical powders, sand, soil, etc) may be less effective because the product contains combustive agents that may support combustion.
5.3	Special exposure hazards arising from the substance or preparation itself, combustion products or resulting gases.	In the event of fire, the product may develop toxic ammonia, sulphur dioxide (SO ₂) and sulphur trioxide (SO ₃) gases.
5.4	Advice for fire-fighters	Wear autonomous breathing apparatuses and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Wear protective clothing.
6.2	Environmental precautions	Prevent penetration of the product into the soil.
6.3	Methods and materials for containment and clean up	Use good cleaning practices in the workplace. Prevent any contact with the skin, eyes and clothes. In case of contact, rinse with water. Sweep up and collect with mechanical devices and dispose according to local national regulations.

SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	Avoid friction and overheating of the product. Provide accurate dust capitation and adequate ventilation/aspiration in working areas. Avoid the formation of electro-static charges build up.
7.2	Conditions for safe storage	Store in a cool (below 30°C) and dry area. Prevent any contamination and do not stock with any reducing agents such as styling lotions or permanents. Do not stock the product after mixing it with developers or bleaching lotions. Prevent any contact with humid organic materials such as paper towels, wood, clothes. Protect from heat sunlight; store in the open air.
7.3	Specific use	Only professional use.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1	Control parameters / Occupational exposure limits	
	Potassium Persulfate:	N.A.
	Ammonium Persulfate	N.A.
	Sodium Metasilicate:	OEL for powders: alveolar fraction 3mg/m ³ , breathable fraction 10mg/m ³ .
	Sodium Silicate:	N.A.
	Sodium Persulfate:	N.A.
8.2	Personal protection measures	
	8.2.1 Occupational exposure controls	
	Respiratory protection:	Not necessary in normal conditions. Avoid inhalation.
	Hand protection:	Wear protective gloves.
	Eye protection:	Wear protective goggles. Avoid any contact.
	Skin protection:	Use overalls or normal protective clothing.
	8.2.2 Environmental exposure controls	
	See section 6.2.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 General Information**

Appearance	Cream
Colour	Blue
Odour	Mild, characteristic

9.2 Important health, safety and environmental information

pH (40g/l, 20°C)	10.5 - 11.65
Melting point	n.d.
Boiling point	n.d.
Flash point	n.d.
Flammability	n.d.
Explosive properties	n.d.
Comburent properties	not comburent
Vapour pressure	n.d.
Density	1.34g/cm ³ (20°C)
Compression density	60g/l
Solubility	partially soluble in organic solvents
Solubility in water	partially soluble
Solubility in water	Partially soluble
Partition coefficient (n-octanol/water) _q	n.d.
Viscosity	n.d.
Vapour density	n.d.

9.3 Other information

Decomposition temperature	>65°C
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SECTION 10: STABILITY AND REACTIVITY

- 10.1** This product does not undergo decomposition if handled in accordance with regulations. The product is stable in security conditions, up to 65°C; above this temperature it slowly starts to decompose, releasing small quantities of oxygen and ammonia. At approximately 150°C decomposition becomes fast and self-accelerating, and generates oxygen which can give rise to fire. Humidity is a very important factor, because the product moisture - when not kept under control and not stable - can considerably lower the decomposition temperature.
- 10.2 Conditions to avoid** Heat, moisture, reducing agents such as waving lotions. Avoid impacts. Do not subject to friction. May build electrostatic charges.
- 10.3 Materials to avoid** Acids, alkali, metals, burning and combustible materials. Do not use metallic bowls or stirrers.
- 10.4 Hazardous decomposition products** Corrosive gases/vapours; toxic gases/vapours of sulphur oxides (Sox), ammonia, nitrogen oxides (Nox) and ozone.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Dangerous to health effects from exposure to preparation** The product contains ingredients that may be dangerous to health. These ingredients are irritating to skin and mucous membranes of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals. They may cause skin sensitization and respiratory hypersensitivity.
- Effects of chronic exposure The effects of chronic exposure to this mix have not been tested according to "OSHA Hazard Communication Standard". Target organs: Skin, respiratory system.
- Route of exposure Inhalation, ingestion and skin. General medical conditions, aggravated by exposure, will be related to the primary toxic (pharmacological) effect of the substance; pre-existing dermatitis are likely to get worse due to the presence of an irritating substance.
- 11.2 Toxicological information in components**
- The list below specifies the toxicity of the main ingredients:
- Potassium Persulfate LD50 (oral rat) = 700mg/kg
Acute toxicity LD50 (skin rat) > 2000mg/l
LD50 (inhalation rat) > 2.95 mg/l
- Ammonium Persulfate
Acute toxicity LD50 (oral rat) = 700mg/kg
LD50 (skin rat) > 2000mg/l
LD50 (inhalation rat) > 2.95 mg/l

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Sodium Metasilicate

Acute toxicity
 LD50 (oral rat) = 1349mg/kg
 LD50 (skin rat) > 5000mg/l
 LD50 (inhalation rat) > 2.06 mg/l

Sodium Silicate

N.D.

Sodium Persulfate

Acute toxicity
 LD50 (oral rate) = 700mg/l
 LD50 (skin rat) > 2000mg/l
 LD50 (inhalation rat) > 2.95 mg/l

Further Information

If the product is used properly, no other hazards to the health are known or expected.

SECTION 12: ECOLOGICAL INFORMATION

12.1 General information

Always apply good work practices and avoid release to the environment.

12.2 Ecotoxicology information

Potassium persulfate

Toxicity to water organisms
 Bacteria EC10 (18h) = 36mg/l
 Shellfish EC50 (48h) = 120mg/l
 Fish LC50 (96H) = 76.3 mg/l

Ammonium persulfate

Toxicity to water organisms
 Bacteria EC10 (18h) = 36mg/l
 Shellfish EC50 (48h) = 120mg/l
 Fish LC50 (96H) = 76.3 mg/l

Sodium metasilicate

Toxicity to water organisms
 Bacteria EC10 (18h) = 207mg/l
 Shellfish EC50 (48h) = 1700mg/l
 Fish LC50 (96H) = 1108 mg/l

Sodium Persulfate

Toxicity to water organisms
 Bacteria EC10 (18h) = 36mg/l
 Shellfish EC50 (48h) = 120mg/l
 Fish LC50 (96H) = 76.3 mg/l

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Do not dispose of the product together with domestic waste. Do not let it enter the drainage system. Disposal should be in accordance with all applicable local and state regulations.

Dirty packages and containers

Send rinsed packages and containers for local recycling. Ensure disposal is in compliance with the relevant state regulations.

Waste code

N.A.

SECTION 14: TRANSPORT INFORMATION

UN number

1479

UN Proper shipping name

Oxidizing solid, N.O.S. (Potassium Persulfate, Sodium Persulfate)

Dangerous goods class

5.1

Packing group

III

EmS number

F-A, S-Q

SECTION 15: REGULATORY INFORMATION

15.1 Classification and labels according to CLP regulations (EC) no. 1272/2008:

GHS07: harmful/irritating product

GHS08: toxic product with long lasting effects

SECTION 16: OTHER RELEVANT INFORMATION

16.1	Issue Date	12 July 2017
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. International Hair Cosmetics Group Pty Ltd.'s responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

End of SDS