



SECTION 1: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

1.1	Product	Affinage Infiniti Arctic Developer Crème 15 volume 4.5%
1.2	Recommended use	Developer
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	Hazard classification	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).
2.2	Pictograms/Hazard categories	
	GHS07 - Exclamation Mark	Acute Toxicity, Category 4. Skin Irritant Category 2.
		
	GHS05 - Corrosion	Serious eye damage, Category 1.
		
2.3	Signal word	HAZARD
2.4	Hazard statements	H318: Causes serious eye damage. H302: Harmful if swallowed. H315: Causes skin irritation.
2.5	Precautionary statements	Prevention P264: Wash affected parts/clothing carefully after use. P270: Do not eat, drink or smoke when using this product. P280: Wear protective gloves/protective clothing/eye protection/face protection. Response P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P305+P351+P228: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. P310: Immediately call a POISON CENTRE or doctor/physician. P312: Call a POISON CENTRE/doctor if you feel unwell. P321: Specific treatments: in case of contact with the skin see section 4 of this safety schedule. P330: Rinse mouth. P332+P313: If skin irritation occurs: get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. Disposal P501: Dispose of the product/vessel in accordance with local regulations.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 Hazardous components according to EEC Directive 67/548 and the CLP Regulation and associated classification.

Substance	%	CAS	EINECS	Hazard class
Hydrogen Peroxide INCI: Hydrogen Peroxide	1 - 5%	7722-84-1	231-765-0	Acute Toxicity 4 H302 Eye Damage 1 H318 STOT SE 3 H335 Skin Irritation 2 H315
Fatty alcohol ethoxylate INCI: Cetareth-20	0.1 - 1%	68439-49-6		Acute Toxicity 4 H302 Eye Damage 1 H318
Quaternary conditioning INCI: Cetrimonium Chloride	0.1 - 1%	112-02-7	203-928-6	Acute Toxicity 4 H302 Eye Damage 1 H318 Skin Irritation 2 H315 Aquatic Acute 1 H400
Fatty alcohol ethoxylate	0.1 - 1%	3055-94-5	221-280-2	Eye Damage 1 H318

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INCI: Laureth-3				Aquatic Acute 1 H400
Mineral Oil	0.1 - 1%	8012-95-1	232-384-2	Aspiration Toxicity 1 H 304
INCI Paraffinum liquidum				
Tetrasodium EDTA	<0.1%	64-02-8	200-573-9	Acute Toxicity 4(*) H302
INCI: Tetrasodium EDTA				Acute Toxicity 4(*) H332
				Eye Damage 1 H318
				STOT RE 3 H373
Phosphoric acid	<0.1%	7664-38-2	231-633-2	Skin Corrosion 1B H314
INCI: Phosphoric acid				
Etidronic Acid	<0.1%	2809-21-4	220-552-8	Eye Damage 1 H318
INCI: Etidronic Acid				Skin Irritation 2 H315
				Metal Corrosion 1 H290
Oxyquinoline Sulphate	<0.1%	134-31-6	205-137-1	Acute Toxicity 4 H302
INCI: Oxyquinoline Sulphate				
Fragrance	<0.1%			Flammable Liquid 3 H226
INCI: Parfum				

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.

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| 4.1 Inhalation | Immediately remove to fresh air. If breathing difficulty develops, seek medical attention. |
| 4.2 Skin contact | Rinse immediately with water. Remove contaminated clothing and shower. |
| 4.3 Eye contact | Wash immediately and thoroughly with water for at least 15 minutes. If worn and safe to do so, remove contact lenses. |
| 4.4 Ingestion | Rinse the mouth without swallowing. Seek medical attention if necessary. |

SECTION 5: FIRE-FIGHTING MEASURES

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| 5.1 Suitable extinguishing media | Product not flammable. Water mist extinguisher. |
| 5.2 Extinguishing media which must not be used for safety reasons | Do not use chemical powder or foam. |
| 5.3 Special exposure hazards arising from the substance or preparation itself, combustion products or resulting gases. | Avoid the inhalation of fire combustion products. |
| 5.4 Advice for fire-fighters | Wear autonomous breathing apparatus and protective clothing. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| 6.1 Personal precautions, protective equipment and emergency procedures | Remove all sources of ignition (cigarettes, flames, sparks, etc) from the area where the leakage occurred. Avoiding inhaling the dust. Block the leakage if not dangerous to do so. Do not handle damaged container or leaking product without having first donned the appropriate protection equipment. Remove all persons who are not equipped. For all information regarding risks to the environment and health, protection of the airways, ventilation and personal protection equipment, refer to the other sections of this schedule. |
| 6.2 Environmental precautions | Prevent the product from entering sewers, surface waters, ground water and confined areas. |
| 6.3 Methods and materials for containment and clean up | Absorb the product with inert material. |

SECTION 7: HANDLING AND STORAGE

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| 7.1 Precautions for safe handling | Do not smoke when handling and using. Avoid contact with the skin and eyes, inhalation of vapour and mist. |
| 7.2 Conditions for safe storage | Store in a dry, well ventilated place, away from sources of heat, naked flames, sparks and other ignition sources. Store in containers with ventilated closures. Keep away from food, drinks and animal feed. Incompatible materials: None in particular. Requirements for rooms: Suitably ventilated areas. Also see section 10. |
| 7.3 Specific use | Only professional use. |

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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| 8.1 Control parameters / Occupational exposure limits | |
| Hydrogen Peroxide | T.L.V. - T.W.A. (ACGIH 2004) 1ppm.
Irritant/pulmonary oedema/central nervous system.
Recognised carcinogenic for animals, with known significance for humans. |

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8.2 Personal protection measures

Appropriate technical measures should always have priority over personal protection equipment, therefore ensure good ventilation in the work place via effective local aspiration or generalised air filtration.

8.3 Occupational exposure controls

Respiratory protection

If the daily exposure threshold in the work environment of one or more of the substances in the compound are exceeded, wear a mask with type B filter or a universal class 1, 2 or 3 filter (selection based on the operating limit concentration) (ref. Standard EN 141)). The use of equipment for protecting the respiratory system, such as paper masks for organic vapours and for dust/mist, is necessary in the absence of technical measures to limit the worker's exposure. The protection offered by masks is however limited. Where the relevant substance is odourless or its olfactory threshold is greater than the exposure limit and in case of emergency, or when exposure levels are unknown or the concentration of oxygen in work environment is lower than 17% in volume, wear an open-circuit compressed air breathing apparatus (ref. Standard EN 137) or external source respirator used with full face mask, half mask or mouthpiece (ref. Standard EN 138).

Hand protection

Protect the hands with category 1 work gloves (ref Directive 89/686/EEC and standard EN 374) such as latex, PVC or equivalent. When deciding on the material for the work gloves, the following should be considered: degradation, breakage and permeation time. The resistance of the gloves should be verified before the use of compound products as it is not predictable. Gloves have a wear time that depends on the duration of exposure.

Eye protection

It is recommended to wear hermetic protective eyewear (ref. Standard EN 166).

Skin protection

Work clothes with long sleeves and safety footwear for professional use of category 1 (ref. Directive 89/686/EEC and standard EN 344). Wash with soap and water after having removed the protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Information

Appearance	Creamy emulsion fluid
Colour	Blue
Odour	Characteristic

9.2 Important health, safety and environmental information

pH at 20°C	2.50 - 3.50
Water solubility	Soluble
Hydrogen peroxide titre	4.50 - 4.70%
Viscosity at 20°C	5.000 - 10.000cPs (S6-RPM10)
Decomposition temperature	Data not available.
Self-igniting	Data not available.
Ignition point	Data not available.
Inflammability (solids, gases)	Data not available.
Lower explosion limit	Data not available.
Upper explosion limit	Data not available.
Explosive properties	Data not available.
Vapour pressure 20°C	Data not available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

The product may decay and/or have a violent reaction.

10.2 Chemical stability

Oxygenated water: decays rapidly with the risk of explosion through the effect of light, heat and contact with alkaline metals.

10.3 Potential for hazardous reactions

See section 10.1.

10.4 Conditions to be avoided

As the product decays at room temperature, it must be stored and used at a controlled temperature. Also avoid violent impacts.

10.5 Incompatible materials

Oxygenated water: Inflammable substances, acetone, ethanol, glycerol, organic sulphates, hydrated bases, oxidisable materials, iron, copper, bronze, chromium, zinc, lead, silver, manganese and acetic acid.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on the toxicological effects

Toxicological information regarding the mixture: the finished product is a cosmetic and may not be subject to tests on animals. The data indicated refer to the hazardous raw materials contained within the product. The product contains ingredients that could be harmful to health. These components are irritant to the skin and the mucous membranes of the eyes and the respiratory system. They could stimulate asthma attacks in sensitive individuals, could cause a sensitivity reaction in the skin and respiratory hypersensitisation.

Effects of chronic exposure

This mixture has not been tested for the effects of chronic exposure according to the OSHA Hazard Communication Standard.

Target organs

Skin, respiratory system.

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Routes of ingress	Inhalation, ingestion and the skin. The general medical conditions, aggravated by exposure, will be related to the primary toxic (pharmacological) effect of the substances; any pre-existent dermatitis could deteriorate through the present of skin irritant, as also bronchitis could be aggravated by the dust in the air.
Harmful for ingestion	Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
Further information	The damage to health under normal use is known and unpredictable.

11.2 Toxicological information in components

The list below specifies the toxicity of the main ingredients:

<u>Hydrogen Peroxide</u>	LD50 (oral rat) = 1193mg/kg
Acute toxicity	LD50 (inhalation rat) > 0.17mg/1/4h
	LD50 (skin rat) > 6500mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Use according to good working practices, avoiding discarding the product in the environment. Inform the competent authorities if the product reaches watercourses or sewers or if it has contaminated the soil or vegetation.

12.1 Toxicity	Not applicable.
12.2 Persistence and degradability	The substance is biodegradable. Not persistent.
12.3 Bioaccumulation potential	Does not bioaccumulate.
12.4 Soil mobility	No specific information is available on this product.
12.5 Results of PBT and vPvB evaluation	vPvB substances: Nil - PBT substances: None
12.6 Other adverse effects	None. No specific information is available on this product.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Methods of waste treatment	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.
13.2 Packaging contaminants	Packaging contaminants must be sent for recycling or disposal according to the national waste management regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number	UN2984
14.2 UN Proper shipping name	HYDROGEN PEROXIDE IN AQUEOUS SOLUTION
Technical Name	HYDROGEN PEROXIDE IN AQUEOUS SOLUTION concentration <8%
14.3 Classes of hazard associated with transport	
Road/Rail Transport(ADR/RID-GGVS/E)	Product not classified as hazardous for transport
Maritime Transport (IMO/IMDG)	Product not classified as hazardous for transport
Air Transport (ICAO-TI/IATAT-DGR)	Product not classified as hazardous for transport

SECTION 15: REGULATORY INFORMATION

15.1 Standards and legislation on health, safety and environment specific to the substance or mixture

Directive 67/548/EEC (Classification, packaging and labelling of hazardous substances) as amended.
 Directive 1999/45/EC (Classification, packaging and labelling of hazardous substances) as amended.
 Regulation no. 1907/2006 EC (REACH).
 Regulation no. 1272/2008/EC (CLP).
 Regulation no. 790/2009/EC (ATP 1 CLP amending, for adapting to technical and scientific progress, the ATP of Regulation no. 1272/2008/EC).
 Regulation (EU) no. 453/2010 (Annex I).
 Restrictions regarding the product or its content substances based on Annex XVII of Regulation (EC) 1907/2006 (REACH) as amended.
 Where applicable, reference is made to the following regulations:
 Ministerial circulars 46 and 61 (Aromatic amines).
 Legislative decree no. 238 of 21 September 2005 (Seveso III Directive).
 EC Regulation no. 648/2004 (Detergents).
 Decree law no. 152 of 3/4/2006 Environmental regulations.

SECTION 16: OTHER RELEVANT INFORMATION

16.1 Acronyms

ADR: European accord on international transport of hazardous goods by road.
 ASTM: ASTM International, originally known as the American Society for Testing and Materials (ASTM).
 EINECS: European Inventory of Existing Commercial Chemical Substances.
 NOEC: No Observed Effect Concentration.
 LOEC: Lowest Observed Effect Concentration (Maximum concentration at which it is possible to observe an effect) DNEL: Derived No Effect Level.

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DMEL: Derived Minimum Effect Level.

CLP: Classification, Labelling and Packaging.

CSR: Chemical Safety Report.

ICAO: International Civil Aviation Organization.

IMDG code: International Maritime Dangerous Goods code PBT: Persistent, bioaccumulative and toxic.

RID: Regulation on international transport of dangerous goods by rail.

STEL: Short term exposure limit.

TLV: Threshold limit value.

TWA: Time Weighted Average.

UE: European Union.

vPvB: Very persistent very bioaccumulative.

N.A.: Not available.

VwVwS.: Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes.

PNEC: Predicted No Effect Concentration.

PNOS: Particulates not Otherwise Specified.

BOD: Biochemical Oxygen Demand.

COD: Chemical Oxygen Demand.

BCF: BioConcentration Factor.

TRGS: Technical Rules for Hazardous Substances, defined by The Federal Institute for Occupational Safety and Health, Germany.

LCLo: Lethal Concentration Low (minimum lethal concentration).

ThOD: Theoretical Oxygen Demand.

16.2	Issue Date	8 August 2017
16.3	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