

SECTION 1: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

1.1	Product	AFFINAGE PROFESSIONAL Flexible Spray
1.2	Proper shipping name	Not applicable
1.3	Recommended use	Aerosol hair spray
1.4	Supplier	International Hair Cosmetics Group Pty Ltd 14 India St (Cnr Tombo Street), Capalaba, QLD 4157
1.5	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).

SECTION 2: HAZARD(S) IDENTIFICATION

2.1	Hazard Classification	This product is classified as: Not classified as hazardous according to the criteria of SWA Australia. Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.
2.2	Risk Phrases	R11 Highly Flammable.
2.3	Safety Phrases	S21, S23, S24/25. When using, do not smoke. Do not breathe vapours or spray mist. Avoid contact with skin and eyes.
2.4	SUSMP Classification	None allocated.
2.5	ADG Classification	Class 2.1, (AEROSOLS)
2.6	UN Number	1950, AEROSOLS



2.7	GHS Signal Word	DANGER
2.8	Hazard Statement	H222: Extremely flammable material. H280: Contains gas under pressure; may explode if heated.

Prevention

P102: Keep out of reach of children.
P210: Keep away from heat, sparks, open flames and hot surfaces - No smoking.
P211: Do not spray on an open flame or other ignition source.
P242: Use only non-sparking tools.
P251: Pressurised container: Do not pierce or burn, even after use.
P262: Do not get in eyes, on skin, or on clothing.
P281: Use personal protective equipment as required.

Response

P337: If eye irritation persists: seek medical attention.
P353: Rinse skin or shower with water.
P301 + P330 + P331: IF SWALLOWED: Rinse Mouth. DO NOT induce vomiting.
P372: Explosion risk in case in fire.
P370 + P378: In case of fire, note the following. Water fog or fine spray is the preferred medium for large fires.
Try to contain spills, minimise spillage entering drains or water courses.

Storage

P410 + P412: Store below 30°C, protect from direct sunlight and do not expose to temperatures exceeding 50°C.

Disposal

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

2.13 EMERGENCY OVERVIEW

Physical Description & Colour
Odour
Major Health Hazards

Clear colourless liquid.
Fragrance overlaying ethanol odour.
No significant risk factors have been found for this product.

2.14 POTENTIAL HEALTH EFFECTS**Inhalation**

Short Term Exposure: Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact

Short Term Exposure: Major health effect from this product is misuse of the aerosol function. If sprayed continuously on skin or in eyes, it can cause frostbite.

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Eye Contact	<p>Long Term Exposure: No data for health effects associated with long term skin exposure.</p> <p>Short Term Exposure: Available data shows that this product is not harmful. If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite.</p>
Ingestion	<p>Long Term Exposure: No data for health effects associated with long term eye exposure.</p> <p>Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.</p>
Carcinogen Status	<p>Long Term Exposure: No data for health effects associated with long term ingestion.</p> <p>SWA: No significant ingredient is classified as carcinogenic by SWA.</p> <p>NTP: No significant ingredient is classified as carcinogenic by NTP.</p> <p>IARC: No significant ingredient is classified as carcinogenic by IARC.</p>

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Ingredients	Cas #	Conc %	TWA (mg/m ³)	STEL (mg/m ³)
Ethanol	64-17-5	30-60	1880	not set
Alkanes, C ₃₋₄	68475-59-2	30-60	not set	not set
Other non-hazardous ingredients		3-6	not set	not set

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

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary first aid measures and symptoms caused by exposure

You should call the Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation	First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
Skin Contact	Gently blot away excess liquid. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.
Eye Contact	No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.
Ingestion	If product is swallowed or gets in mouth, wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Fire and Explosion Hazards	This product is classified as flammable. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
5.2 Extinguishing Media	Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is the preferred medium for large fires. Ensure that no spillage enters drains or water courses.
5.3 Fire Fighting	If a significant quantity of this product is involved in a fire, call the fire brigade.
5.4 Flash point	Flammable.
5.5 Upper Flammability Limit	Not available.
5.6 Lower Flammability Limit	Not available.
5.7 Auto Ignition temperature	No data.
5.8 Flammability Class	Flammable Category 2 (GHS); Highly Flammable (AS1940)

SECTION 6: ACCIDENTAL RELEASE MEASURES

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Accidental Release: The product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

SECTION 7: HANDLING AND STORAGE

- 7.1 Handling** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.
- 7.2 Storage** Store below 30°C, protect from direct sunlight and do not expose to temperatures exceeding 50°C. Make sure that surrounding electrical devices and switches are suitable. Check containers and valves periodically for leaks. If you keep large quantities of Dangerous Goods, you may be required to license the premises or notify your Dangerous Goods authority. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
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Ethanol	1880	not set
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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.

- 8.2 Ventilation** This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.
- 8.3 Eye Protection** Eye protection such as protective glasses or goggles is recommended when this product is being used.
- 8.4 Skin Protection** The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.
- 8.5 Protective Material Types** There is no specific recommendation for any particular protective material type.
- 8.6 Respirator** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical Description & Colour** Clear colourless liquid.
- 9.2 Odour** Fragrance overlaying ethanol odour.
- 9.3 Boiling Point** Not available.
- 9.4 Freezing/Melting Point** No specific data. Liquid at normal temperatures.
- 9.5 Volatiles** > 90%
- 9.6 Vapour Pressure** No data.
- 9.7 Vapour Density** No data.
- 9.8 Specific Gravity** No data.
- 9.9 Water Solubility** Major liquid phase ingredient is very soluble.
- 9.10 pH** No data.
- 9.11 Volatility** No data.
- 9.12 Odour Threshold** No data.
- 9.13 Evaporation Rate** No data.
- 9.14 Coeff Oil/Water Distribution** No data.
- 9.15 Auto Ignition temp** No data.

SECTION 10: STABILITY AND REACTIVITY

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10.1	Reactivity	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
10.2	Conditions to Avoid	This product should be kept in a cool place, preferably below 30°C. Keep away from sources of sparks or ignition. Any electrical equipment in the area of this product should be flame proofed.
10.3	Incompatibilities	Strong acids, strong bases, strong oxidising agents.
10.4	Fire Decomposition	Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
10.5	Polymerisation	This product will not undergo polymerisation reactions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Target organs	None Known
11.2	Classification of Hazardous Ingredients	No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

SECTION 12: ECOLOGICAL INFORMATION

Insufficient data to be sure of status.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Disposal	Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.
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SECTION 14: TRANSPORT INFORMATION

Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria

14.1	UN number	1950, Aerosols
14.2	Hazchem code	2YE
14.3	Special Provisions	SP63, SP190, SP229, SP227
14.4	Dangerous Goods Class	Class 2.1: Flammable gases
14.5	Packaging Group	Not applicable.
14.6	Packaging Method	No packaging methods specified. Class 2.1: Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 3 (Flammable Liquids) (where both flammable liquids and flammable gases are in bulk), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.2 (Non-flammable Non-Toxic gases), 3 (Flammable liquids except where both flammable liquids and flammable gases are in bulk), 6 (Toxic Substances), 8 (Corrosive Substances), 9 (Miscellaneous dangerous goods), Feedstuffs and feedstuff residues.

SECTION 15: REGULATORY INFORMATION

15.1	AICS	All of the significant ingredients in this formulation are compliant with NICNAS regulations.
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SECTION 16: OTHER RELEVANT INFORMATION

16.1	Acronyms:	
	ADG code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
	AICS	Australian Inventory of Chemical Substances
	SWA	Safe Work Australia, formerly ASCC and NOHSC
	Cas Number	Chemical Abstracts Service Registry Number
	Hazchem code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
	IARC	International Agency for Research on Cancer
	NOS	Not Otherwise Specified
	NTP	National Toxicology Program (USA)
	R-Phase	Risk Phrase
	SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
	UN Number	United Nations Number

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16.2 Issue date 1-Nov-17
16.3 Version 1

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must 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 International Hair Cosmetics Group Pty Ltd representative at the contact details on page 1 so we can attempt to obtain additional information from our suppliers. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)

End of SDS