

SAFETY DATA SHEET

SDS #111 HAIR STYLING PRODUCTS

Date of Issue: 18 May 2017 (Version 3)
Supersedes: 2 February 2017 (Version 2)

1. Identification of Material and Supplier

Product Identifier: L'Oréal Professional Hair Styling Products
Kerastase Hair Styling Products
Matrix Hair Styling Products
Redken Hair Styling Products
Pureology Hair Styling Products
Shu Uemura Hair Styling Products

Other Means of Identification:

Perfumery products Class III Packaging Group II (with Ethyl Alcohol >55% or with Isopropyl Alcohol) and
Perfumery products Class III Packaging Group III (Ethyl Alcohol 24 to ≤55% and no Isopropyl Alcohol).

Recommended Use/Product Type:

Cosmetic hair styling products typically is spray packs with ethyl alcohol and or isopropyl alcohol as solvents and silicones, waxes or cationic polymers as minor components.

AUSTRALIA

Suppliers Details: L'Oréal Australia Pty Ltd.
Address: 564 St Kilda Road.
Melbourne VIC 3004 Australia.
Telephone Number: (03) 8680 0000 (8am–6pm Mon to Fri).
Fax Number: 61 3 8680 0009.
Emergency Telephone Number (Must be a 24 Hour Number):
(03) 8680 0800 (8am–6pm Mon to Fri).
(03) 8680 0866 (9am–5pm Mon to Fri).
0411 077 273 (After Hours).

Australian Poisons Information Centre:

13 1126.

Email Address of the Person Responsible for this MSDS:

samantha.hass@loreal.com.

NEW ZEALAND

Suppliers Details: L'Oréal New Zealand.
Address: Building 8, 9 Manu Street,
Othahuhu, Auckland 2024 New Zealand.
Telephone Number: +64 21 962 098 or +64 9583 4160 (8am–6pm Mon to Fri)
Fax Number: +64 9583 4188.
Emergency Telephone Number (Must be a 24 Hour Number):
+64 21 962 098 or +64 21245 1758 (8am–6pm Mon to Fri)
+64 21 962 098 (After Hours).

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New Zealand Poisons Information Centre:

0800 764766.

Email Address of the Person Responsible for this MSDS:

Miu.TUALA@loreal.com Or Pieter.duplooy@loreal.com

2. Hazard Identification

Hazard Classification: This product is classified as Hazardous according to the criteria of Safe Work Australia. Also classified as Dangerous Goods Class 3 Flammable Liquid according to the criteria of ADG Code 7th Edition.

NEW ZEALAND

Hazard Classification: This material is classified as a dangerous good according to criteria in New Zealand Standard 5433:2012 Transport of Dangerous Goods on Land.
This material is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and has been classified according to the Hazardous Substances (Classifications) Regulations 2001.

NZ HSNO Classification: Category 3.1B Flammable (Ethyl Alcohol >55% and Isopropyl Alcohol) or
Category 3.1C Flammable (Ethyl Alcohol 24% to ≤55%)
Category 6.3A Skin Irritation
Category 9.1D Ecotoxic to aquatic environment

BOTH COUNTRIES

GHS Classification of the substance or mixture:
Flammable Liquids - Category 3 or
Flammable Liquids - Category 2.
Serious Eye Damage/Eye Irritation- Category 2A.
Skin Irritation- Category 2
Acute Aquatic Toxicity- Category 3.
Chronic Aquatic Toxicity- Category 3.

Allocation of Label Elements:

Pictograms:



GHS Signal word:

DANGER
WARNING

(Ethyl Alcohol >55% or Isopropyl Alcohol) or
(Ethyl Alcohol 24 to ≤55%).

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GHS Hazard statements: H225: Highly Flammable Liquid (Ethyl Alcohol >55%) or
H226: Flammable liquid and vapour (Ethyl Alcohol 24% to ≤55%).
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H402: Harmful to aquatic life.
H412: Harmful to aquatic life with long lasting effects.

Precautionary statement(s):

General	P101: If medical advice is needed, have product container or label on hand. P102: Keep out of reach of children. P103: Read label before use. P104: Read Safety Data Sheet before use.
Prevention	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/equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P264: Wash hands and face thoroughly after use. P273: Avoid release to the environment. P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response	P302 + P352: IF ON SKIN wash with plenty of water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P313: If skin irritation occurs: Get medical advice. P337 + P313: If eye irritation persists: Get medical advice. 362 + P364: Take off contaminated clothing and wash it before reuse. P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Storage	P403 + P235: Store in a well-ventilated place. Keep cool.
Disposal	P501: Dispose of contents/ container to an approved waste disposal plant in accordance with Local/ regional/ national/ international regulations
Other Hazards	Not Specified.

3. Composition/Information on Ingredients

Component/Substance	CAS Number	% by Weight	Hazardous Substance Classification
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Ethyl Alcohol	64-17-5	>55 24 to ≤55	H225, H319 Type I due to Exposure Standard H226, H319 Type I due to Exposure Standard
Isopropyl Alcohol	3-067-6	0-80	H225, H315, H319
Quaternary Ammonium Compounds e.g. Amodimethicone	71750-80-8	<5	H315, H319
Other ingredients determined not to be hazardous		To 100	Not classified

Note: These products contain significant amounts of fragrance and the components of these fragrance may to be flammable

4. First Aid Measures

General Advice:	If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131126 from anywhere in Australia.
Eye:	Rinse abundantly under flowing water for at least 15 minutes. If irritation develops seek medical attention. Splashes in the eye may cause immediate stinging and tears. Transient redness of the eye may also occur.
Skin:	In case of skin contact, if irritation develops immediately wash off with plenty of water for at least 15 minutes. If irritation persists seek medical attention immediately.
Inhalation:	If symptoms are experienced, remove source of contamination and move victim to fresh air immediately. If symptoms persist, seek medical attention. At relatively high vapour concentrations ethyl alcohol is an irritant to the nose and throat and may cause central nervous system depression.
Ingestion:	Rinse mouth with water. If swallowed do not induce vomiting. Give one or two glasses of water or milk to drink. Seek medical attention immediately. May cause irritation of the gastrointestinal tract. Depression of the central nervous system may result in headache or dizziness.
Advice to Doctor:	Treat symptomatically. If in eyes recheck after one week.

5. Fire Fighting Measures

Suitable Extinguishing Media:

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Highly Flammable. In case of fire, all extinguishing media are suitable. For safety reasons do not use strong water jets.

Hazards from Combustion Products:

May produce toxic fumes of carbon oxides.

Precautions for Fire Fighters and Special Protective Equipment:

If in the event of fire wear self-contained breathing apparatus. Use personal protective equipment. Keep containers cool with water spray. Closed containers may rupture when exposed to temperatures greater than 50°C. Vapour is heavier than air, distant ignition sources possible.

Hazchem Code:

- 3YE (Packaging Group II or Ethyl Alcohol >55% and or Isopropyl Alcohol) or
- 3Y (Packaging Group III or Ethyl Alcohol 24% to ≤55%).

6. Accidental Release Measures

Emergency Procedures: UN 1266. Wear appropriate protective equipment. Spills will be slippery and highly flammable.

Methods and Materials for Containment and Clean Up Procedures:

Remove possible leaking containers. Remove all sources and ventilate area. Dilute small spills with water. For larger spills, wear protective equipment, dilute with water and absorb in inert material (sand or vermiculite). Shovel material into a suitable container and seal it. Wash the spill area with mild detergent to remove residue. Dispose of material in compliance with federal state and local regulations. Do not allow the material to enter drains or waterways.

7. Handling and Storage

Precautions for Safe Handling:

This product is a Class 3 Flammable Liquid and should be transported and stored according to Dangerous Goods Regulations, Codes and Standards. Gloves (vinyl, rubber, plastic) may be worn when handling this material. Keep away from heat, flames or ignition source. Do not eat, drink or smoke in handling areas. Remove contaminated clothing and wash hands before eating.

Conditions for Safe Storage:

Store product upright in a cool place and out of direct sunlight. Store away from alkalis, corrosive and oxidising products. Use good personal hygiene practices. Store in accordance with Dangerous Goods Regulations and transport in accordance with ADG Code for Dangerous Goods Class 3.

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8. Exposure Controls/Personal Protection

National Exposure Standards¹:

ES-TWA (NOHSC Australian Exposure Standards)¹

Workplace Exposure Standards (NZ OS&HS Dept of Labour)²

Chemical Name	CAS No.	TWA (ppm)	TWA (mg/m ³)	STEL (ppm)	STEL (mg/m ³)
Ethyl Alcohol ^{1,2}	64-17-5	1000	1800	-	-
Isopropyl Alcohol ^{1,2}	67-63-0	400	983	500	1230

TWA = Time-weighted average exposure standard.

STEL = Short term exposure limit standard.

1 National Occupational Health and Safety Commission. Exposure Standards for Atmospheric Contaminants in the Occupational Environment. National Exposure Standards [NOHSC: 1003 (1995)]. May 1995.

2 Workplace Exposure Standards (NZ OS&HS Dept of Labour).

Biological Limit Values:

No Biological limit allocated.

Engineering Controls:

Use in a well-ventilated area. Maintain air concentrations below exposure standards.

Flammable symbol or warning.



Personal Protective Equipment:

If ventilation is insufficient, a suitable respirator should be worn. When handling bulk quantities gloves (vinyl, plastic or rubber) should be worn when handling this product. It is recommended that protective clothing is worn e.g. aprons (vinyl, plastic or rubber) and safety shoes. Eye protection in the form of tightly fitting safety goggles and/or face shield should be worn.



9. Physical and Chemical Properties

Appearance:

Coloured liquid.

Odour:

Characteristic fragrant alcohol odour.

pH:

Not determined.

Boiling Point (°C):

78 °C (Ethyl alcohol).

Vapour Pressure:

7.87 kPa @ 25°C.

Specific Gravity:

Not determined.

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Flashpoint (°C): 12°C (ethyl alcohol).
Flammability Limits: Highly flammable.
Solubility in Water: Miscible.

10. Stability and Reactivity

Chemical Stability: Stable under normal conditions of handling, use and transportation.
Conditions to Avoid: Avoid heat and sources of ignition.
Incompatible Materials: Keep away from alkalis and corrosive substances.
Hazardous Decomposition Products: Decomposition not known to occur.
Hazardous Reactions: None known.

11. Toxicological Information

Acute Oral Toxicity: Not Available. May cause dizziness, nausea, vomiting and/or CNS depression and loss of consciousness.
Acute Dermal Toxicity: Not Available.
Skin Irritation: Not Available. May cause skin irritation with prolonged exposure
Skin Sensitisation: Not Available.
Eye Irritation: Not Available. However splashes in the eye may cause stinging sensation and irritation and should be washed out with abundantly flowing water.
Inhalation: Not Available. Breathing of vapours at high concentration may cause dizziness, nausea, vomiting and/or CNS depression and loss of consciousness.
Other Information: Chronic Health Effects have not been determined. There is no specific toxicological data on this product.

12. Ecological Information

Eco Toxicity: Not Available. It would be prudent to avoid any direct release to sewer or receiving waters.
Persistence and Degradability: Not Available.
Mobility: Not Available.

13. Disposal Considerations

Disposal Methods: Recover if possible and dispose of in accordance with local, State and Federal government regulations.

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Special Requirements for Landfill or Incineration:

Empty containers should be disposed of to landfill in domestic garbage collection. The local waste authority should be consulted prior to disposal of bulk quantities.

14. Transport Information

AUSTRALIA- ADG

UN Number: 1266.
UN Proper Shipping Name: PERFUMERY PRODUCTS.
Class & Subsidiary Risk: Class 3 (Australia). 3.1B (New Zealand).
Packaging Group: II.
Special Precautions: P001, IBC03, T4 and TP8.
Hazchem Code: ●3YE.

or

UN Number: 1266.
UN Proper Shipping Name: PERFUMERY PRODUCTS.
Class & Subsidiary Risk: Class 3 (Australia). 3.1C (New Zealand).
Packaging Group: III
Special Precautions: SP144, SP223, P001, IBC03, LP01, T2 and TP1.
Hazchem Code: ●3Y.

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Relevant Information. Hazard Class 3
Identification number of the hazard 33



IMDG

UN/ID No.: UN1266.
Proper shipping name: PERFUMERY PRODUCTS.
Hazard class: 3.
Packing group: II.
Special Precautions: E2, P001 and IBC02.

Or

UN/ID No.: UN1266.
Proper shipping name: PERFUMERY PRODUCTS.
Hazard class: 3.
Packing group: III
Special Precautions: SP144, SP223, SP904, SP955, E1, P001, LP01 and IBC03.

ICAO/IATA

UN/ID No.: ID8000.
Proper shipping name: CONSUMER COMODITY.
Hazard class: 9.
Packing group: Dangerous Goods Packing Instruction Y963.

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15. Regulatory Information

AUSTRALIA

SUSMP: Not Scheduled.

Competition and Consumer Act:

Cosmetic ingredients must be labelled.

Industrial Chemicals (Notification and Assessment) Act:

Ingredients are in the Australian Inventory of Chemical Substances or are covered by certificates, permits or exemptions in compliance with the *Industrial Chemicals (Notification and Assessment) Act 1989*.

NEW ZEALAND

Dangerous Goods Regulations:

Symbols are required for bulk storage and containers only and not on small packaged goods for consumers.



Risk phases are required for bulk storage and containers only.

Risk-phrase(s)

F: Flammable.
 N: Dangerous to the Environment.
 Xi: Irritant.
 R11: Highly Flammable.
 R36: Irritating to eyes.
 R38: Irritating to skin.
 R52: Toxic to aquatic organisms.
 R53: May cause long term adverse effects in the aquatic environment.

Or combination risk phases as appropriate.

S-phrase(s)

S2: Keep out of the reach of children.
 S7: Keep container tightly closed.
 S16: Keep away from sources of ignition – no smoking.
 S46: If swallowed, seek medical advice immediately and show container or label.

HSNO Regulations:

The HSNO Approval Number for this Group Standard is HSR002552 (Cosmetic Products Group Standard).
 Substances must comply with the Standard.
 Classes 2, 6, and 9 of Control Regulations:
 • Regulations 11-27, 7, 8, 10, 32-45, 50-51, 55, 73, 77, 78, 82
 Identification Regulations:
 • Regulations 6, 7, 11, 32-35, 36(1)-(7)
 • Regulations 25, 29-31, 37-39, 47-50, 51, 52
 Packaging Regulations:

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- Regulations 5,6,7(1),8, 9, 13
 - Schedule 3
- Disposal Regulations:
- Regulations 6, 8, 9, 10, 11, 12, 13, 14
- Emergency Management Regulations:
- 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42
- Tracking:
- 4(1), 5, 6
- Approved Handlers:
- Not applicable

16. Other Information

Date of Issue:	18 May 2017 (Version 3)
Supersedes:	2 February 2017 (Version 2)
Version Number:	3
Disclaimer:	The information contained in this MSDS was compiled using the latest and most reliable information available. The information is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Similarly, no warranty, expressed or implied, shall be created by or inferred from any statement or omission from this MSDS nor will L'Oréal assume any liability for any loss or damage arising out of the use of this information. It is solely the responsibility of the user to determine safe conditions for use of this product.

END OF SDS