



LadyJ Scented

SILICONE-BASED HAIR CONDITIONER

1. Identification of the substance

Product identifier: LADY J PROFUMO.

Relevant identified uses: cosmetic product to be used as conditioning hair polish. Do not use for any other purpose than its intended use.

2. Hazards identification

Classification of the substance/mixture: this product is classified as hazardous under the Regulation (EC) 1272/2008 (CLP) and subsequent amendments. The product thus requires a Safety Data Sheet in compliance with Regulation (EC) 1907/2006 and subsequent amendments. Any additional information concerning health risks and/or risks to the environment can be found in sections 11 and 12 of this sheet.

Classification according to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adaptations.

Classification and hazard statements:

H225 Highly flammable liquid and vapour. Flam. Liq. 2

H319 Causes serious eye irritation. Eye Irrit. 2

H411 Toxic to aquatic life with long-lasting effects. Aquatic Chronic 2
See section 16 for full list of hazardous statements (H)

Label elements:

Hazard labelling in accordance with Regulation (EC) 1272/2008 (CLP) and subsequent amendments.



Signal word: Danger

HBS HAIR
BIOLOGIC
SYSTEM
since 1975

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SAFETY DATA SHEET

Safety Data Sheet in accordance with Regulation (EC) 1907/2006 (REACH) and Regulation (EU) 453/2010

> Revision n. 1 del 18.06.2015



80 ml

Hazards statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long-lasting effects.

General precautionary statements

P102 Keep out of reach of children.

Prevention precautionary statements

P210 Keep away from heat/sparks/open flames and other ignition sources.
No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/light/.../equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash exposed skin and eyes thoroughly after handling.

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

P391 Collect spillage.

Response precautionary statements

P303 + P361 + P353 IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: rinse with water for several minutes. Remove contact lenses if present and if easy to do. Continue rinsing.

P337 + P313 If eye irritation persists, get medical advice.

P370 + P378 In case of fire, use suitable extinguishing media.

Storage precautionary statements

P403 + P235 Store in a well ventilated place. Keep cool.

Disposal precautionary statements

P501 Dispose of container in accordance with local regulation.

Adverse environmental effects: no information available.

3. Composition/Information on ingredients

Chemical description: cosmetic preparation – silicone-based hair conditioner with alcohol.

Ingredienti: Contiene:

INCI NAME	CAS-Number	EINECS	Concentration	Classification 1272/2008 (CLP)
Ethanol	N. 64-17-5	No: 200-578-6	25% - 50% w	Eye Irrit. 2 H319 Flam. Liq. 2 H225
Disiloxane	N. 203-492-7	No: 107-46-0	10% - 25% w	Flam. Liq. 2, I ²²⁵ Acquatic Acute 1, H400 Acquatic Chronic 1 H410

4. First aid measures

In case of doubt or in the event of persistent symptoms seek medical advice. Never give anything by mouth to an unconscious person.

Following inhalation: contact may cause irritation. Move to fresh air and breath normally. If necessary seek medical advice.

Following skin contact: in case of irritation rinse with plenty of water. Remove contaminated clothing and wash thoroughly before reusing. Consult a doctor if skin irritation persists.

Following eye contact: rinse with running water for more than 15 minutes. Consult a doctor if eye irritation persists.

Following ingestion: seek medical advice immediately. Induce vomiting only if ordered by the doctor. Never give anything by mouth to an unconscious person unless authorised by a doctor.

5. Firefighting measures

Suitable extinguishing media: use water spray, dry chemical powder or carbon dioxide.

Unsuitable extinguishing media: none in particular.

Hazardous combustion products: combustion and thermal decomposition may produce hazardous oxidation products. Exposure to such products can cause damage to health.

Advice for firefighters and protective equipment: protective hard hat with visor, fireproof clothing (fireproof jacket and trousers with arm, waist and leg bands), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-contained breathing apparatus (self-protector) in the event of large quantities of smoke/fumes.

Additional information: collect extinguishing agent separately and dispose of via a licensed waste disposal contractor in accordance with applicable environmental laws and regulations. Use water to cool any tanks and containers close to heat or fire sources. Take into account wind direction.

6. Accidental release measures

Personal precautions: avoid eye and skin contact. Use suitable protective clothing. Remove any possible ignition sources (flame, heat or spark). Do not smoke. Do not inhale smoke or vapours.

Environmental precautions: soak up and dispose of all waste in accordance with applicable laws and regulations. Inform the relevant authorities if the product has caused environmental pollution to waterways.

Methods and material for containment and cleaning up: absorb spill with suitable non-combustible absorbent material (earth, sand, vermiculite, diatomaceous earth). Clean with plenty of water and a biodegradable detergent. Do not use solvents. Dispose of waste in accordance with applicable laws and regulations.

7. Handling and storage

Precautions for safe handling: avoid contact with eyes and skin. Do not inhale vapours. Remove contaminated clothing immediately. Use away from heat sources and flames. Do not smoke while using. Keep containers tightly closed after use.

Conditions for safe storage: keep in original containers. Protect from heat, humidity or direct sunlight. Avoid freezing. Keep away from sources of ignition, sources of heat, strong oxidising agents, radiations and other initiators. Prevent other materials from being contaminated.

8. Exposure controls/Personal protection

Control parameters and exposure limits: not determined.

Exposure controls: adequate technical measures should always take priority over personal protective equipment. Ensure good ventilation in the workplace through effective local exhaust ventilation or air vent. Personal protection equipment must comply with regulations and laws mentioned below.

- **HAND PROTECTION**
Protect hands with Category I (ref. Directive 89/686/EEC and Standard EN 374) work gloves such as those in latex, PVC or equivalent. Degradation, breakthrough times and permeation should be considered when choosing work glove material. Work glove resistance to preparations/mixtures should be checked prior to use, as it can be unpredictable. Glove limit resistance depends on the duration of exposure.
- **EYE PROTECTION**
Wear tightly sealed safety glasses/ splash goggles (ref. Standard EN 166).
- **SKIN PROTECTION**
Wear Category I professional long-sleeved overalls and safety footwear (ref. Directive 89/686/EEC and Standard EN 344). Wash skin with soap and water after removing protective clothing.
- **RESPIRATORY PROTECTION**
Should the threshold value (if available) of one or more of the substances present in the product, with reference to daily exposure in the workplace or to a fraction established by the company's prevention and protection servi-

ce, be exceeded then wear a mask with a B type or universal filter. The Category (1,2 or 3) must be chosen according to concentration limit of use (ref. Standard EN 141). The use of breathing protection equipment such as the type of masks mentioned above, is necessary in the absence of technical measures limiting worker exposure. The protection provided by masks is in any case limited. If the substance in question is odourless or if its olfactory threshold is higher than the relative exposure limit and in case of an emergency, that is when exposure levels are unknown or when the concentration of oxygen in the workplace is less than 17% volume, then wear self-contained open-circuit compressed air breathing apparatus (ref. Standard EN 137) or fresh air hose breathing apparatus for use with full mask, half mask or mouthpiece assembly (ref. Standard EN 138).

Environmental exposure controls: provide adequate ventilation. The product is expected to be safe for the environment under normal conditions of use and at the recommended doses.

9. Physical and chemical properties

General information

Appearance:	Liquid
Physical state:	Liquid
Colour Pantone, Inc., 2003 certificate ISO 9001:2000:	colourless
Odour:	Characteristic

Chemical-physical parameters

pH: not applicable	
Melting point/freezing point	Not available
Initial boiling point	> 50°C
Boiling range	Not available
Flash point	15°C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper flammability limits	Not available
Lower flammability limits	Not available
Upper explosives limits	Not available
Lower explosives limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	0.870 g/ml range 0.840-0.880
Solubility(ies)	INSOLUBLE IN WATER
Partition coefficient:	
n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	50°C
Viscosity (22°C)	Not applicable
Explosive properties	Not available
Oxidising properties	Not available

Other information

There is no further safety information concerning oxidation reductive potential.

10. Stability and reactivity

Reactivity.

No hazardous reactions with other substances under normal conditions of use.

Chemical stability.

This product is stable under normal conditions of use and storage.

Possibility of hazardous reactions.

No hazardous reactions under normal conditions of use and storage.

Conditions to avoid.

Avoid direct exposure to light. Avoid exposure to temperatures above 50°C.

Incompatible materials.

No available information.

Hazardous decomposition products.

No available information.

11. Toxicological information

There are currently no known adverse health effects associated with exposure to the product. However, this product should be handled and used in accordance with good industrial hygiene practices. The product may cause minor health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

Information on toxicological effects.

Alcohol Denat. Composition:

ETHANOL

LD50 (Oral): 1501 mg/kg Rat
LC50 (Inhalation): 5.9 mg/l/6h Rat

+

2-PROPANOL

LD50 (Oral): 4710 mg/kg Rat
LC50 (Inhalation): 72.6 mg/l/4h Rat
LD50 (Dermal): 12800 mg/kg Rat

ALCOHOL DENAT.

LD50 (Oral): 1501 mg/kg Rat
LC50 (Inhalation): 5.9 mg/l/6h Rat

DISILOXANE

LD50 (Oral): 5000 mg/Kg Rat
LD50 (Dermal): 2000 mg/Kg Rat
LD50 (Inhalation): 48 mg/KG Rat

Ingestion: may cause irritation to mouth and throat.

Eye contact: may cause irritation to eyes.

Skin contact: frequent and prolonged contact may cause irritation and redness.

Inhalation: may cause irritation to throat and lungs.

12. Ecological information

This product is expected to be safe for the environment under normal conditions of use and at the recommended doses. Do not litter. Dispose of in accordance with applicable laws and regulations. The generation of waste should be avoided. Do not dispose of the product and the packaging in the environment.

Toxicity.

Alcohol Denat. Composition:

ETHANOL

No information is available concerning harmful effects of this substance on the environment.

+

2-PROPANOL

No information is available concerning harmful effects of this substance on the environment.

DISILOXANE

Aquatic short-term toxicity

LC50 Fish (*Oncorhynchus mykiss*) 0.46 mg/l (96h) Method: EPA OTS 797.1400

EC50 Daphnia (*Daphnia magna*) > 0.37 mg/l (48h) Method: EU Method C.2

EC50 algae (*Scenedesmus cerisei*) > 0.55 mg/l/ 96h Method: OECD TG 201

Aquatic long-term toxicity

NOEC Fish (*Cyprinus carpio*) > 0.04 mg/l/Bsem Method: OECD TG 305C, clp

NOEC Daphnia (*Daphnia magna*) = 0.08 mg/l/21j Method: OECD TG 211, GLP

Persistence and degradability.

No available information.

Bioaccumulative potential.

No available information.

Mobility in soil.

No available information.

Results of PBT and vPvB assessment.

According to available data, the product does not contain PBT or vPvB substances assessed to be over 0.1%.

Other adverse effects.

No available information.

13. Disposal considerations

Waste disposal must be in accordance with current applicable local laws and regulations (DPR 10/09/82 n° 915 and D.I 22/97).

Product residues should be considered special hazardous waste. Hazard level is to be evaluated according to applicable laws and regulations. Dispose of waste via a licensed waste disposal contractor in compliance with local and national waste management laws and regulations.

Avoid dispersal of product into soil, drains, waterways and sewers. Waste transportation must be subject to ADR restrictions.

- CONTAMINATED PACKAGING

Contaminated packaging must be disposed of according to national laws and regulations concerning waste management.

14. Transport information

Transport must be carried out by vehicles authorised to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations. These goods must be packed in their original packaging made of materials resistant to their content and not reacting dangerously to it. Personnel in charge of loading and unloading dangerous goods must be trained on all risks deriving from these substances and on all actions that must be taken in case of any emergency situation.

Transport by Road or by Rail:



ADR/RID Class:	3 UN: 1170
Packing Group:	II
Label:	3
Tunnel Restriction Code:	D/E
Proper Shipping Name:	ETHANOL SOLUTION
	Special Dispositions: 144,601
	Restricted Quantity: 1L
	Packing instructions: P001,IBC02,R001
	Packing Dispositions: NONE

Carriage by Sea (Shipping):



IMO Class:	3 UN: 1170
Packing Group:	II
Label:	NO
EMS:	F-E, S-D
Marine Pollutant:	Si
Proper Shipping Name:	ETHANOL (ETHYL ALCOHOL)
	ETHANOL SOLUTION
	Special Dispositions: 144
	Restricted Quantity: 1L
	Packing instructions: P001,IBC02
	Packing Dispositions: NONE

Transport by Air:



IATA:	3 UN: 1170
Packing Group:	II
Label:	Flamm. liquid
Proper Shipping Name:	ETHYL ALCOHOL SOLUTION
	CARGO AIRCRAFT ONLY
	PKg Inst 364
	Max Net Qty/PKg = 60L
	ERG code = 3L
	S.P. see 4.4 = A3

15. Regulatory information

Classification: this product is classified as hazardous under Regulation (EC) 1272/2008 (CLP) and subsequent amendments.

EU Regulations: regulation (EC) 1272/2008 (CLP) and subsequent amendments.

Chemical safety assessment: the mixture does not require a chemical safety assessment.

16. Other information

List of Hazard statements (H) mentioned in sections 2 and 3 of this Safety Data Sheet

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long-lasting effects.

KEY/LEGEND TO ABBREVIATIONS AND ACRONYMS:

- ADR: European agreement concerning the International carriage of dangerous goods by Road

- CAS NUMBER: Chemical abstracts service number
- EC50: concentration of a compound where 50% of the population tested exhibit a response after a specified exposure duration
- EC NUMBER: identifier number stored in the European Inventory of Existing Chemical Substances
- CLP: European Regulation 1272/2008
- DNEL: Derived No-effect Level
- EMS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labelling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Half maximal inhibitory concentration
- IMDG: International Maritime Dangerous Goods Code
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number of Annex VI to the CLP Regulation
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- PEC: Predicted Environmental Concentration
- PEL: Permissible Exposure Limit
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: International carriage of dangerous goods by Rail
- TLV: Threshold limit value
- TLV CEILING: Maximum exposure concentration that should not be exceeded under any circumstances during any part of the working process
- TWA STEL: Time Weighted Average Short Term Exposure
- TWA: Time Weighted Average Exposure
- VOC: Volatile Organic Compound
- vPvB: very persistent and very bioaccumulative according to REACH

KEY LITERATURE REFERENCES AND SOURCES FOR DATA

- Directive 1999/45/EC and subsequent amendments
- Directive 67/548/EEC and subsequent amendments
- EC Regulation 1907/2006 of the European Parliament (REACH)
- EC Regulation 1272/2008 of the European Parliament (CLP)
- EC Regulation 790/2009 of the European Parliament (1st ATP, CLP)
- EC Regulation 453/2010 of the European Parliament
- EC Regulation 286/2011 of the European Parliament (2nd ATP, CLP)
- The Merck Index, Ed. 10
- Handling Chemical Safety
- Niosh – Registry of Toxic Effects of Chemical Substances
- INRS – Fiche Toxicologique
- Patty – Industrial Hygiene and Toxicology
- N.I. Sax – Dangerous properties of Industrial Materials -7 Ed., 1989
- ECHA Agency website

Information for the user:

The information provided herein is offered in good faith, based on our knowledge as of the issue date (or subsequent revision date, if any).

Users must verify the suitability and completeness of the information in relation to the specific use of the product.

This document does not constitute a guarantee of any kind or for any specific properties of the product. Since the use of this product is beyond our direct control, users must, under their own responsibility, comply with all existing and applicable laws and provisions concerning hygiene and safety.

We accept no responsibility and disclaim all liability for any harmful effects and damages resulting from improper handling or use of the product.

Staff handling chemical substances must be provided with adequate training.

Indication of change to previous revisions.

Changes have been made to the following sections: 01/ 02/ 03/ 06/ 07/ 08/ 09/ 11/ 12/ 13/ 14/ 15/ 16.

As of the date of the preparation of this Safety Data Sheet, the information provided herein is based on our knowledge and on applicable laws. All working conditions concerning users are beyond our awareness and control.

This product should not be used for purposes other than those specified.

Users must comply with all laws regarding hygiene, safety and environmental protection.