

Safety Data Sheet

PRO-LIPO™ NEO

REVISION : V4	DATE : 06/02/2021	LUCAS MEYER COSMETICS
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : PRO-LIPO™ NEO
Recommended uses : Raw material which could be used in cosmetic formulations
Supplier : LUCAS MEYER COSMETICS SAS
Campus Eiffel - Bâtiment Edison
13 Rue Ella Maillart
91300 MASSY - FRANCE
Phone number: : (33) (0)1 69 10 69 69
Fax number : (33) (0)1 69 10 69 71
EMERGENCY PHONE NUMBER : ORFILA (France) : (33) (0)1 45 42 59 59
Department to contact : e-mail : info@lucasmeyercosmetics.com

2. HAZARD IDENTIFICATION

Most important hazards:

Adverse human health effects: According to our knowledge, no specific risks when handled in accordance with good occupational hygiene and safety practices.

Environmental effects: Presents no particular risks to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.

Physical and chemical hazards:

-Fire or explosion: According to our knowledge, no specific hazard under normal conditions of use.

Classification of the product: This product is not classified as a hazardous mixture according to CLP regulation (EC) n° 1272/2008.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature:

Mixture mainly composed of:

Propanediol (CAS: 504-63-2; EINECS: 207-997-3); Lecithin (CAS: 8002-43-5; EINECS: 232-307-2)

REACH regulation:

REACH registration of Propane-1,3-diol made in 2010 by our supplier

REACH registration number: 01-2119489383-28-0000

Hazardous constituent: None

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4. FIRST AID MEASURES

- Skin contact: Wash with soap and plenty of water. Consult a doctor if necessary.
- Eye contact: Rinse with plenty of water immediately and extended in keeping the eyes disregarded. Consult an ophthalmologist.
- Ingestion: If the conscience is complete, let him/her drink water. Never give anything to drink to an unconscious person. Consult a doctor.
- Inhalation: Move the affected person away from the contaminated area and into the fresh air. Consult a doctor if necessary.

5. FIRE- FIGHTING MEASURES

- Flammability: The product is not flammable.
- Suitable extinguishing media: Carbon dioxide (CO₂), powders, foam.
- Not suitable extinguishing media: None to our knowledge. In case of fire nearby, use suitable extinguishing agents.
- Specific hazards:
- Under the action of heat or during combustion: May form toxic and irritating vapours (carbon oxides CO and CO₂).
- Specific fire fighting methods: Avoid the dumping of extinguishing water in the environment. Do not attempt to fight the fire without suitable protective equipment.
- Protection of fire-fighters: Complete protective clothing. Self-contained and insulating breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions: Use individual protective equipments.
- Environmental precautions: Contain the spilled material by bunding. Do not allow product to spread into the soil and to enter sewers/ surface or ground water.
- Methods for cleaning up: Absorb spillage with inert absorbent material (earth or sand). Wash non-recoverable remainder with large amounts of water. Dispose of at a licensed waste collection point.
- Further information: Warning: this product can cause the floor to be slippery.

7. HANDLING AND STORAGE

- Handling:
- Technical measures: Stir well before use and reclose packaging after use.
- Precautions: Avoid contact with skin and eyes. Keep aways from food and drinks. Wash hands and any other zone exposed with soap and water before eating, drinking, smoking and before leaving work.
- Storage: Store the container tightly closed in a dry area, protected from air and direct light, and at temperatures lower than 25°C.
- Recommended packaging materials: Original packaging

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.

Exposure limit values: no data available

Personal protective equipment:

- Respiratory protection: Not necessary

- Hand protection: Protective rubber gloves.

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374.

Breakthrough time: refer to the recommendations of the supplier.

- Eye protection: Safety glasses.

- Body and skin protection: Wear a protective chemicalproof clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Aspect: Gel

Colour: Amber

Odour: Characteristic

Boiling point (°C): Not determined

Melting point (°C): Not applicable

Flash point (°C): Not determined

Self-inflammation temperature (°C): Not determined

Viscosity: Not determined

Partition coefficient (n-octanol/water): Not determined

10. STABILITY AND REACTIVITY

Stability: Stable at temperatures lower than 25°C and under normal conditions of use.

Hazardous reactions:

- Conditions to avoid: light exposure and heat

- Materials to avoid: Strong oxidizing agents, strong acids, strong bases

Hazardous decomposition products: During combustion or thermal decomposition (pyrolysis), it may release: toxic and irritating vapours (CO, CO₂).

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11. TOXICOLOGICAL INFORMATION

Acute toxicity: No specific data available. According to our knowledge, no specific risk when handled in accordance with good occupational hygiene and safety practices.

- Propane-1,3-diol:
LD50 (oral, rat): 15000 mg/kg: not toxic (source: supplier's data)

- Lecithin:
LD50 (oral, rat): > 16000 mg/kg: not toxic (source: CIR report (IJT 20(S1):21-45,2001))

Primary irritation: Tests made on Pro-Lipo™ Neo:

Data	Method	Concentration	Result	Source
Skin irritation:	Patch-Test /48h	product diluted at 10%	Pending results	Study Evic France
Eye irritation:	HET-CAM	product diluted at 10%	Moderately irritant	Study n°B13 1112 / 13-1988

Chronic effects: No data available on Pro-Lipo™ Neo.

Data available on ingredients:

-Propane-1,3-diol:
Sensitization: no sensitizing effects on laboratory animals.
Mutagenicity: tests made on bacteria cultures or mammalian cells does not point out mutagenic effects.
Chronic toxicity: NOAEL (oral, rat): 1000 mg/kg
Source: supplier's data

- Lecithin:
Sensitization: Clinical studies (Patch tests) made on cosmetic formulations containing lecithin (between 0.5-5%) show that this raw material is not sensitizing and generally non-irritating.
Mutagenicity (AMES test): Not mutagenic
Chronic toxicity, cancerogenicity, reproduction toxicity: data available in the CIR report
Reference: CIR report (IJT 20(S1):21-45,2001)

Other data:

- UV spectrum of Pro-Lipo™ Neo (0.5 % in chloroform): low UV absorption between 290-400 nm. Therefore, according to ANSM (ex AFSSAPS) recommendations, no phototoxic potential could be suspected.

- Lecithin contained in Pro-Lipo™ Neo was CIR reviewed.
Lecithins family were extensively CIR reviewed. The original report on Lecithin and Hydrogenated Lecithin was published in 2001 with a conclusion of safe as used in rinse-off products and safe for use in leave-on products

at concentrations of ≤15%. Lecithin and Hydrogenated Lecithin should not be used in cosmetic products in which N-

nitroso compounds may be formed (Source: IJT 20(S1):21-45,2001).

At the March 2015 meeting, the CIR Expert Panel voted to issue a final report that Lecithin and Hydrogenated Lecithin are safe in the present practices of use and concentration in cosmetics.

Source: Safety Assessment of Lecithin and Other Phosphoglycerides as Used in Cosmetics, Tentative report for public comment, 134th Meeting, CIR Expert Panel, March 16-17, 2015.

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12. ECOLOGICAL INFORMATION

Biodegradability:

Pro-Lipo™ Neo : Easily biodegradable (method: OECD 301 D)

Source: Study made in October-November 2013

Bioaccumulation:

Partition coefficient n-octanol/water: Not determined for Pro-Lipo™ Neo.

Ecotoxicity:

Aquatic toxicity of Pro-Lipo™ Neo:

EC50 (Daphnia: *Daphnia magna*)/ 48 h: 75.481 mg/L

Method: OECD 202

Source: Study made in November 2013

13. DISPOSAL CONSIDERATIONS

Appropriate disposal / Product:

Recommendation: Do not empty into drains or the aquatic environment. This material and its packaging must be disposed of in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Contaminated packaging:

Recommendation: empty and non-polluted packaging may be recycled. Jerricans not properly emptied are special wastes.

Note: The user's attention is drawn to the possible existence of specific European, national or local regulations regarding disposal.

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14. TRANSPORT INFORMATION

Note: The above regulatory prescriptions are those valid on the date of publication of this document. Taking into account the possible evolution of transport regulations about hazardous materials and in case of the MSDS is dated from more than 1 year, it would be recommended to check these data with your commercial agency.

<u>LAND TRANSPORT ADR/RID :</u>	
UN Number :	Not regulated
Class :	
Packaging group :	
Underground code :	
<u>MARITIME TRANSPORT IMDG :</u>	
UN Number :	Not regulated
Class :	
Packaging group :	
Marine pollutant :	
<u>AIR TRANSPORT IATA :</u>	
UN Number :	Not regulated
Class :	
Packaging group :	

15. REGULATORY INFORMATION

EU regulation:
 Chemical Safety Assessment: chemical safety assessments of substances contained in this mixture have not been carried out yet, except for Propanediol.
 Propane-1,3-diol was registered in 2010 by our supplier according to REACH regulation (EC) n°1907/2006.
 REACH registration number: 01-2119489383-28-0000
 Chemical safety assessment of this substance: please refer to ECHA website:
<http://echa.europa.eu/web/guest/regulations/reach>

Label elements according to CLP regulation n°1272/2008:
 - Hazard pictograms: None
 - Signal words: None
 - Hazard statements: None
 - Precautionary statements: None

International regulations:
 PCPC: all the ingredients of this mixture are listed
 European inventory CosIng: all the ingredients of this mixture are listed
 Regulation in USA: based on the conclusions of the CIR report on lecithins and hydrogenated lecithins.

Note: the regulatory information given above only mention the main regulations specifically applicable to the product described in this MSDS. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. We recommend you to refer to all international, national or local regulations or provisions.

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16. OTHER INFORMATION

Restrictions on use: This product must not be used for other applications than those listed in §1.
These information are based on our current knowledge (at the updating date) and are supplied for proper and safe handling of the product. This document complete product's technical data sheet but does not replace it.
Data source used to prepare this document : bibliographical data, suppliers' data and toxicological reports.
Modifications compared with the previous version : sections 1-15
