

Octyldodecyl Neopentanoate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 16-Oct-2026
Supersedes: 26-Jan-2026

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Octyldodecyl Neopentanoate
Synonyms: No data available
INCI Name: Octyldodecyl Neopentanoate
CAS Number: 125496-22-2, 158567-66-9
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Skin corrosion/irritation - Category 2
Skin sensitization - Category 1

GHS Labeling: **WARNING!**

GHS Hazard Pictograms:



GHS Hazard Statements:

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H413 - May cause long lasting harmful effects to aquatic life.
GHS Precautionary Statements:
P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves.
P302+P352 - If on skin: Wash with plenty of water.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations
Potential Health Hazards:
Eyes: Not expected to be an irritant under normal conditions.
Inhalation: May be an irritant.
Skin: Causes skin irritation.
Ingestion: May cause nausea, vomiting, and diarrhea.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Octyldodecyl Neopentanoate	125496-22-2, 158567-66-9	≥99%	Not Available

4 FIRST AID MEASURES

Eyes: Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing.
Inhalation: Remove person to fresh air and keep comfortable for breathing. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Skin: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs, get medical

Ingestion: advice/attention.
Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention. Call a poison center/doctor/physician if you feel unwell.

First Aid Notes: If you feel unwell, seek medical advice. First aid workers will be equipped with suitable personal protective equipment. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: No fire or direct explosion hazard. Use appropriate media (water spray, dry powder, foam, carbon dioxide) for surrounding environment for adjacent fire. Do not use direct water jet.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Fight fire from safe distance and protected location.

Flash Points: 350.06°F (176.7°C)

Specific hazards arising from the chemical: Hazardous decomposition products include carbon monoxide and carbon dioxide. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Evacuate unnecessary personnel. Stop leak if safe to do so. Ventilate spillage area. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible, without risk. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Keep in a cool, well-ventilated place away from heat and direct sunlight. Always store product in container of same material as original container. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Octyldodecyl Neopentanoate	Not available		

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes: Wear safety glasses or goggles.

Inhalation: In case of insufficient ventilation, wear suitable respiratory equipment.

Body: Wear suitable protective clothing and protective gloves.

Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Vapor Pressure:	13.33 Pa
Odor:	Slight	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Water-white light yellow	Flammability:	Non-flammable

Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	350.06 °F (176.7 °C)
Boiling Point:	455 °F (235 °C)	Specific Gravity:	No data available
Melting Point:	< 59 °F (15 °C)	Water Solubility:	< 0.1 mg/l
Relative Density:	No data available	Auto-Ignition Temperature:	> 662 °F (350 °C)
Partition Coefficient: n-octanol/water:	> 3	Decomposition Temperature:	No data available
Viscosity:	4.48		
Oxidizing Properties:	No data available	Explosive Properties:	No data available
		Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive in storage and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	None under normal conditions.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	Carbon monoxide (CO and carbon dioxide (CO ₂)).
Possible Hazardous Reactions:	No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified under oral, dermal, or inhalation toxicity (Based on available data, the classification criteria are not met).
Skin:	Causes skin irritation. May cause an allergic skin reaction.
Eyes:	None under normal conditions.
Inhalation:	Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Ingestion:	None under normal conditions.
Carcinogenicity:	Not classified (Based on available data, the classification criteria are not met).
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified (Based on available data, the classification criteria are not met).
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not classified for single or repeated exposure (Based on available data, the classification criteria are not met).
Reproductive Toxicity:	Not classified (Based on available data, the classification criteria are not met).
Respiratory/Skin Sensitization:	May cause an allergic skin reaction.
Corrosivity:	No data available.
Aspiration Hazard:	Not classified (Based on available data, the classification criteria are not met).
Other Information:	Based on expert judgement using the available literature, the product is not considered to meet the criteria for endocrine disruption.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	May cause long lasting harmful effects to aquatic life.
Aquatic Vertebrate:	(Fish) LC50 > 0.341 mg/l.
Aquatic Invertebrate:	(Crustacea) EC50 > 0.456 mg/l.
Algae:	(Algae) ErC50 > 0.336 mg/l.
Persistence and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	Not classified under ozone or fluorinated greenhouse gases.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Dispose of this material and its container at hazardous or special waste collection point. Users should review their operations in terms of the applicable federal/national or local regulations and
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Product Containers: consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Dispose of this material and its container at hazardous or special waste collection point. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not applicable.
TDG (Transportation of Dangerous Goods, Canada):	Not applicable.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not listed. This product is for cosmetic use only.
California Prop. 65:	This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.
Canada (DSL):	No data available.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date:	16-Oct-2026
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.