

Octyldodecanol

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

Updated: 30-May-2023
Supersedes: 05-Dec-2022

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Octyldodecanol	Distributor: MakingCosmetics.com Inc.
Synonyms: 2-octyl dodecanol	Address: 10800 231 st Way NE
INCI Name: Octyldodecanol	Redmond, WA 98053 (USA)
CAS Number: 5333-42-6	Phone / Fax: 425-292-9502 / 425-292-9601
Formula: Not available	Web: www.makingcosmetics.com
Product Form: Liquid	
Product Use: Cosmetic use	Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	None												
GHS Signal Word:	None												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	None known												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Octyldodecanol	5333-42-6	100%	N/A

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If breathing is irregular or has stopped administer artificial respiration. In case of shortness of breath, provide oxygen. Seek medical attention if necessary.

Ingestion: If swallowed, call a poison control center or doctor immediately. DO NOT induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Skin: Immediately wash skin with soap and plenty of water while removing all contaminated clothes and shoes. Seek medical attention if symptoms occur.

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if irritation occurs.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Water spray, alcohol-resistance foam, dry chemical or CO ₂ .
Special protective equipment & precautions for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus. Keep containers and surroundings cool with water spray.
Flash Points:	338°F (170°C)
Specific hazards arising from the chemical:	NFPA Class IIIB combustible liquid. Auto ignition temperature: 496.4°F (258°C)

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Evacuate personnel to safe areas. Remove all sources of ignition. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Prevent entry into waterways, sewers, basements or confined areas. Biodegradable product.
Methods and material for containment	Remove all sources of ignition. Contain spillage, and then collect with non-combustible

and cleaning up: absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in a container for disposal according to local/national regulations. Do not flush into surface water or sanitary sewer system.

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.

Conditions for safe storage, incl. any incompatibilities: Avoid strong oxidizers, inorganic acids, and halogens. Keep away from heat and sources of ignition. Avoid direct heat, dirt, chemical contamination, sunlight, UV, or ionizing radiation.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Octyldodecanol	N/A		

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: Chemical-resistant goggles must be worn.

Inhalation: Appropriate NIOSH-approved respiratory protection may be worn. Ensure adequate ventilation, especially in confined areas.

Body: Wear suitable protective clothing, gloves and eye/face protection.

Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Vapor Pressure:	7.5 mm Hg @ 207°C < 1,000 hPa @ 20°C
Color:	Colorless	Vapor Density:	10.3
Odor:	Characteristic	Viscosity, dynamic:	Approximately 60 mPa.s @ 20°C
Odor Threshold:	Not available	Viscosity:	28.89 cSt @ 40°C
Molecular Weight:	Not available	Fire/Explosion:	NFPA Class IIIB combustible liquid
pH:	Not available	Solubility:	Insoluble
Boiling Point:	324°C	Auto-ignition Temp.	285°C / 496°F
Melting/Freezing Point:	-4 - 1°C / 25 - 33°F	Partition coefficient:	log Pow: >8; @ 23°C, OECD Test Guideline 117
Flash Point:	-338°F (170°C)	n-octanol/water	
Density:	Not available	Relative Density:	~0.8 g/cm ³ @ 20°C

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.

Chemical Stability: No decomposition if stored and applied as directed.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Keep away from heat, sparks, and flame.

Incompatible Materials: Strong oxidizers, inorganic acids, and halogens. Keep away from heat and sources of ignition. Avoid direct heat, dirt, chemical contamination, sunlight, UV, or ionizing radiation.

Hazardous Decomposition Products: Combustion products include carbon dioxide, carbon monoxide, and other unidentified organic compounds.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral LD50 (mg/kg body weight): >2,000 mg/kg (rat)
 Dermal LD50 (mg/kg body weight): >2,000 mg/kg (rabbit)

Skin: Primary irritation (rabbit): 0.6 (Maximum score is 8.0)

Eyes: Primary irritation (rabbit): 6 (Maximum score is 110)

Respiratory: Not available

Ingestion:	Not available
Carcinogenicity:	Contains no ingredient listed as a carcinogen.
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity:	Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. Toxicity to fish LC50 (Leuciscus idus (Golden orfe)) 48 hours: >100 mg/l; static test; DIN 38412. Toxicity to aquatic invertebrates EC50 (Daphnia magna (water flea)) 48 hours; static test; OCED test guideline 202 In the range of water solubility not toxic under test conditions. Toxicity to algae ErC50 (Desmodesmus subspicatus (green algae)) 72 hours; static test; DIN 38412 In the range of water solubility not toxic under test conditions.
Persistence and Degradability:	Readily biodegradable. (OCED Test Guideline 310, 28 d; >60%)
Bioaccumulative Potential:	Bioaccumulation is unlikely.
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	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.
Product Containers:	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 classified as dangerous in transport
IMDG (International Maritime Dangerous Goods):	Not classified as dangerous in transport
IATA (International Air Transport Association):	Not classified as dangerous in transport
	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

15 REGULATORY INFORMATION

TSCA Registered:	Yes
TSCA 5(a) SNUR:	No
SARA Title III Section 313:	This material does not contain any chemical components with known Cas numbers that exceed the threshold (DE Minimis) Reporting levels established by SARA Title III, Section 313.
R & D Exemption:	Unknown
Other:	Unknown.
EU Classification:	The product does not need to be labeled in accordance with EC directives or respective or respective national laws. Directive 96/82/EC does not apply.
Australian (AICS) Listing:	Listed
Japanese (MITI) Listing:	Listed on ENCS & ISHL
Canadian (DSL) Listing:	Listed
Philippines (PICCS) Inventory:	Listed
Korean Inventory List:	Listed on KECI
China Inventory List	Listed on IECSC
Other:	Listed on NECL, CHINV, NZIoC

16 OTHER INFORMATION

Revision Date: 30-May-2023

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.