

Octyldodecanol

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

Updated: 09-29-2017
05-03-2017

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Octyldodecanol	Distributor:	XI'AN AOGU BIOTECH CO.,LTD
Synonyms:	2-octyl dodecanol	Address:	Room 606,Block B3,Jinye Times,No.32,Yanta District,Xi'an Shaanxi 710065 China
INCI Name:	Octyldodecanol	Phone / Fax:	86-29-89121514
CAS Number:	5333-42-6	Web:	www.AOGUBIO.com
Formula:	Not available	Emergency Telephone Number: 86-18091843361	
Product Form:	Liquid		
Product Use:	Cosmetic use		

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):	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

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

Inhalation: Remove to fresh air. Seek medical attention if necessary.

Skin: Wash skin with soap and water. Seek medical attention if symptoms occur.

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.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Water fog, foam, dry chemical or carbon dioxide.
Special protective equipment & precautions for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points:	>170 °C
Specific hazards arising from the chemical:	None known.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:

See section 8 for recommendations on the use of personal protective equipment.

Prevent entry into waterways, sewers, basements or confined areas.
Biodegradable product.

Methods and material for containment and cleaning up:

Eliminate source of ignition. Shut off sources, if possible to do so safely.

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:

Keep container in a cool, well ventilated area. Avoid possible sources of ignition.

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.

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

Appearance, Physical State:	Liquid	Vapor Pressure:	7.5 mm Hg @ 207° C < 1,000 hPa @ 20° C
Odor:	Characteristic	Vapor Density:	10.3
Taste:	Not available	Viscosity, dynamic:	Approximately 60 mPa.s @20° C
Color:	Colorless	Viscosity:	28.89 cSt @ 40° C
Molecular Weight:	Not available	Fire/Explosion:	NFPA Class IIIB combustible liquid
pH (10% sol. in water)	Not available	Solubility:	Insoluble
Boiling Point:	Approximately 324° C	Auto-Ignition Temp.	285° C / 496° F
Melting Point:	Approximately -4 - 1° C 25 - 33° F	Partition coefficient:	log Pow: >8; @23° C,
Flash Point:	>170° C	n-octanol/water	OECD Test Guideline 117
Density:	approx. 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:

None.

Conditions to Avoid:

Keep away from heat, sparks and flame.

Incompatible Materials:

Can react with strong oxidizers, inorganic acids, and halogens.

Hazardous Decomposition Products:

Combustion products include carbon dioxide, carbon monoxide and possibly other unidentified organic compounds.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Skin:	Not available
Eyes:	Not available
Respiratory:	Not available
Ingestion:	Not available
Carcinogenicity:	Not available
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 organism (fish, daphnia, algae) up to water solubility. >100 mg/l; static test; DIN 38412. Information taken from reference works and the literature. In the range of water solubility not toxic under test conditions.
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Readily biodegradable. CO ₂ Headspace Test (ISO 145 93) (28 d):>60%. Test substance ISOFOL 20 Alcohol. Information taken from reference works and the literature
Bioaccumulative Potential:	Not available
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 Inventory Status:	Component 1-Dodecanol, 2-octyl- CAS No. 5333-42-6
SARA 302 Status	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

DSCL (EEC):

This product is not classified according to the EU regulations. Not applicable.

WHMIS (Canada):

WHMIS Classification This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) Reporting European Union The product does not need to be labeled in accordance with EC directive or respective national laws. Directive 96/82/EC does not apply

Australian Inventory of Chemical Substances (AICS)

Listed

Japanese Minister of International Trade and Industry (MITI) Inventory Listing

Listed

European Inventory of Existing

Listed

Commercial chemical Substance (EINECS)

Philippines Inventory List

Listed

Korean Inventory List

Listed

China Inventory List

Listed

California Prop. 65 Components

None

16 OTHER INFORMATION

Revision Date: 09-29-2017