

**SECTION 1: Identification**

Product Name: Octyldodecanol
Chemical Name: Octyldodecanol | CAS: 5333-42-6 | EC: 226-242-9 | Formula: C₂₀H₄₂O
Product Form: Substance (mono-constituent)
Intended Use: Cosmetics, personal care products. Not for use as a food ingredient.
Supplier: TKB Trading, LLC | 939 E 11th St, Oakland, CA 94606
Email / Web: support@tkbtrading.com | www.tkbtrading.com
Emergency: CHEMTREC 24hr/7days | USA/Canada: 1-800-424-9300 | Intl: +1-703-527-3887
Standard: 29 CFR §1910.1200, HCS 2024 | Issue Date: 5/26/2026 | Version 1.0

SECTION 2: Hazard Identification

GHS Classification: Not classified.
GHS Label Elements: No labeling applicable.
Other Hazards: No additional information available.

SECTION 3: Composition / Ingredients

Ingredient	CAS No.	% (w/w)	GHS US Classification
Octyldodecanol	5333-42-6	100%	Not classified

SECTION 4: First Aid Measures

General: If you feel unwell, seek medical advice.
Inhalation: Remove person to fresh air and keep comfortable for breathing.
Skin Contact: Wash skin with plenty of water.
Eye Contact: Rinse eyes with water as a precaution.
Ingestion: Call a poison center/doctor if you feel unwell.
Symptoms: None under normal conditions of use.
Medical Advice: Treat symptomatically.

SECTION 5: Fire-Fighting Measures

Suitable Media: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable Media: Do not use a heavy water stream.
Fire Hazard: No fire hazard. | Explosion Hazard: No direct explosion hazard.
Decomp. Products: Carbon oxides (CO, CO₂).
Firefighter PPE: Fight from safe distance. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental Release Measures

General: Stop leak if safe. Notify authorities if product enters sewers or public waters.
Personal Precautions: Wear recommended PPE. Ventilate spillage area.
Environmental: Avoid release to the environment.
Containment: Absorb with sand or earth. Contain with dikes. Stop leak if possible without risk.
Cleanup: Take up liquid spill into absorbent material. Dispose at authorized site.

SECTION 7: Handling and Storage

Safe Handling:	Ensure good ventilation. Wear PPE. Not expected to present significant hazard under normal use.
Hygiene:	Do not eat, drink or smoke. Always wash hands after handling.
Storage:	Keep cool. Protect from sunlight. Keep away from heat, sparks, open flames and ignition sources. No smoking.
Incompatible Materials:	Strong oxidizing agents.
Packaging:	Always store in container of same material as original.

SECTION 8: Exposure Controls / Personal Protection

OEL Components:	No OEL data available for Octyldodecanol.
Engineering Controls:	Ensure good ventilation of the work station.
Hand Protection:	Protective gloves.
Eye Protection:	Safety glasses.
Skin/Body Protection:	Wear suitable protective clothing.
Respiratory:	In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental:	Avoid release to the environment.

SECTION 9: Physical and Chemical Properties

Physical State:	Liquid	Flammability:	Not applicable
Color:	Colorless	Vapor Pressure:	7.5 mm Hg at 20°C
Odor:	Characteristic	Relative Density:	approx. 0.8 g/cm ³ at 20°C
Odor Threshold:	No data available	Solubility:	Insoluble in water
pH:	No data available	Log Pow:	>8 at 23°C
Freezing Point:	-4 to 1 °C	Auto-ignition Temp.:	258 °C
Boiling Point:	approx. 324 °C	Viscosity (dynamic):	approx. 60 mPa·s at 20°C
Flash Point:	170 °C	Explosive Properties:	None reported

SECTION 10: Stability and Reactivity

Reactivity:	Non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous Reactions:	No dangerous reactions under normal conditions.
Conditions to Avoid:	None under recommended storage and handling conditions (see Section 7).
Incompatible Materials:	No additional information available.
Hazardous Decomp. Products:	Should not be produced under normal storage and use.

SECTION 11: Toxicological Information

Acute Toxicity (Oral):	Not classified. LD50 oral rat >5,000 mg/kg	Gen. Cell Mutagenicity:	Not classified.
Acute Toxicity (Dermal):	Not classified. LD50 dermal rabbit >20,000 mg/kg	Carcinogenicity:	Not classified.
Acute Toxicity (Inhalation):	Not classified.	Reproductive Toxicity:	Not classified.
Skin Corrosion/Irritation:	Not classified.	STOT-Single Exposure:	Not classified.
Serious Eye Damage/Irritation:	Not classified.	STOT-Repeated Exposure:	Not classified.
Resp./Skin Sensitization:	Not classified.	Aspiration Hazard:	Not classified. Kinematic viscosity: 72.8–73.7 mm ² /s.

Symptoms (all routes): None under normal conditions of use.

**SECTION 12: Ecological Information**

Ecotoxicity: Not considered harmful to aquatic organisms or cause long-term adverse effects in the environment.

Acute Aquatic Hazard: Not classified.

Chronic Aquatic Hazard: Not classified.

Aquatic Toxicity Data:

EC50 72h Algae (*Desmodesmus subspicatus*): 100 mg/l

EC50 72h Algae (*Raphidocelis subcapitata*): 1.1 mg/l

Persistence/Degradability: Rapidly degradable / Biodegradable.

Bioaccumulation: Log Pow >8 at 23°C.

Mobility in Soil: No additional information available.

Other Adverse Effects: Ozone: Not classified | Fluorinated GHG: No

SECTION 13: Disposal Considerations

Waste Treatment: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage/Packaging: Disposal per official regulations. Do not re-use empty containers.

SECTION 14: Transport Information

DOT / TDG / IMDG / IATA: Not applicable — not regulated for transport.

SECTION 15: Regulatory Information

US Federal (TSCA): All components present and listed as Active on EPA TSCA inventory.

International: No additional information available.

State Regulations: No additional information available.

SECTION 16: Other Information

Issue Date: 5/26/2026 | Version: 1.0

Standard: 29 CFR §1910.1200, Hazard Communication Standard (HCS 2024)

The information in this SDS is believed to be accurate and given in good faith but no warranty as to completeness or accuracy is made. Users are responsible for determining the suitability of these products for their own particular purpose. It is hereby confirmed that the delivered goods have been examined and are in accordance with our confirmation of order.