SAFETY DATA SHEET
According to Regulation (EC) No 1907/2006 (REACH)

Version No.: 3

Section 1 – Identification of the Substance / mixture and of the company / undertaking

1.1 Product Identifier

Product: **Octyldodecanol**

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified uses: Cosmetic raw material

1.3 Details of the Supplier of the Safety Data Sheet

Company

TKB Trading
939 E 11th St Oakland, CA 94606

www.tkbtrading.com
support@tkbtrading.com

1.4 Emergency Telephone Number

Section 2 – Hazardous Ingredients

2.1 Classification of the Substance or Mixture according to Regulation (EC) No. 1272/2008

None

2.2 Label Elements according to Regulation (EC) No. 1272/2008

Hazard Pictogram	None
Signal word	None
Hazard statements	None
Precautionary statements	None

2.3 Other Hazards: None known

Section 3 – Composition/ Information on Ingredients

3.1 Substances

Chemical characterization	Cosmetic ingredient
INCI	Octyldodecanol
CAS	5333-42-6
EC	226-242-9

3.2 Mixture: -

Section 4 – First Aid Measures

4.1 Description of First Aid Measures

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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Skin Contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing.
Inhalation:	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.
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.

Section 5 – Fire Fighting Measures

5.1	**Flash Point/Method**	> 170°C DIN 51758 338°F
5.2	**Auto ignition Temperature**	285°C 496°F
5.3	**Flammable limits in air % by volume**	Lower explosion limit: no data available. Upper explosion limit: no data available
5.4	**Fire and Explosion**	NFPA Class IIIB combustible liquid.
5.5	**Extinguishing Media**	Water fog, carbon dioxide, foam, dry chemical
5.6	**Fire Fighting Instructions**	Wear self-contained breathing apparatus and protective suit. Keep containers and surroundings cool with water spray.

Section 6 – Accidental Release Measures

6.1	**Personal Precautions, Protective Equipment and Emergency Procedures**	Material can create slippery conditions. Use caution.
6.2	**Methods and Material for Containment and Cleaning Up**	Evacuate personnel to safe areas. Remove all sources of ignition. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Do not flush into surface water or sanitary sewer system.

Section 7 – Handling and Storage

7.1	**Precautions for Safe Handling**	Ensure that all equipment is electrically grounded before beginning transfer operations
7.2	**Precautions for Safe Storage including any incompatibilities**	
	Storage/ Transport pressure:	Ambient
	Load/Unload Temperature:	Ambient

Section 8 – Exposure/Personal Protection

8.1	**Engineering Measures**	Ensure adequate ventilation, especially in confined areas.

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8.2 Personal Protection Equipment

Eyes:	Chemical resistant goggles must be worn.
Skin:	Wear suitable protective clothing, gloves and eye/face protection.
Inhalation:	Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.
Exposure Guidelines	Contains no substances with the occupational exposure limit values.

Section 9 - Physical and Chemical Properties

9.1 Information on basic Physical and Chemical Properties

Appearance:	liquid
Color:	colorless
Odor:	characteristic
Form:	liquid
Boiling Point/Boiling range:	approximately 324°C 615°F IBP
Vapor Density	10.3
Vapor Pressure	7.5 mm Hg @ 207°C < 1,000 hPa @ 20°C
Solubility (water):	insoluble
Viscosity:	28.89 cSt @ 40°C
Viscosity, dynamic:	approximately 60 mPa.s @ 20°C
Melting point/range:	approximately. -4 - 1°C 25 - 33°F
Density	approximately 0.8 g/cm³ @ 20°C
Partition coefficient: n-octanol/water	log Pow: >8; @23°C, OECD Test Guideline 117

Section 10 – Stability and Reactivity

10.1	**Hazardous Decomposition Products**	Combustion products include carbon dioxide, carbon monoxide and possibly other unidentified organic compounds
10.2	**Conditions to Avoid**	Keep away from heat and sources of ignition
10.3	**Hazardous Polymerization**	None
10.4	**Incompatible Materials**	Can react with strong oxidizers, inorganic acids, and halogens.
10.5	**Reactivity**	Stable at normal ambient temperature and pressure
10.6	**Chemical Stability**	No decomposition if stored and applied as directed

Section 11 – Toxicological Information

11.1	**Information on Toxicological Effects**	No data available.

Section 12 – Ecological Information

12.1	**Aquatic toxicity**	Not toxic to aquatic organism (fish, daphnia, algae) up to water solubility.

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(Leuciscus idus (Golden orfe)) 48 hours:	>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.
EC50 (Daphnia) 48 hours:	OECD Test Guideline 202

12.2 Biodegradation

Readily biodegradable.
CO2 Headspace Test (ISO 145 93) (28 d):>60%
Test substance ISOFOL 20 Alcohol
Information taken from reference works and the literature.

Section 13 – Disposal Considerations

13.1 Waste Treatment Methods

Waste Code:	Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations.
Disposal Methods:	Dispose of only in accordance with local, state, and federal regulations.
Empty Containers:	Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICTY, OR OTHER SOURCES OF IGNTION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, triple-rinsed, properly bunged and promptly returned to a drum reconditioned, or properly disposal.

Section 14 – Transport Information

14.1 Shipping Description

DOT	Not classified as dangerous in transport
IATA	Not classified as dangerous in transport
IMDG	Not classified as dangerous in transport

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Remarks No data available

Section 15 – Regulatory Information

U.S. Federal Regulations	
OSHA HAZARDS	Non-Hazardous substance
TSCA inventory listing	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
SARA 311/312	Non-hazardous substance
SARA 313 Chemical	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.
US. EPA CERCLA Hazardous Substances (40 CFR 302)	None

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INTERNATIONAL REGULATIONS	
WHMIS Classification	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minims) 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) Listing	Listed
Japanese Minister of International Trade and Industry (MITI) Inventory Listing	Listed
Canadian Domestic Substance List (DSL) Inventory Listing	Listed
Canadian Non- Domestic Substance Listing (NDSL)	Not Listed
European Inventory of Existing Commercial chemical Substance (EINECS) Listing	Listed
Philippines Inventory List (PICCS)	Listed
Korean Inventory List	Listed
China Inventory List	Listed
STATE REGULATIONS	
California Prop. 65.Components	None

Section 16 – Other Information

HMIS	
Health	1
Flammability	1
Physical Hazard/Instability	0
NFPA	
Health	1
Flammability	1
Physical Hazard/Instability	0

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