

Section 1. Product and Company Identification

Product Name Octyl Palmitate
CAS Number 29806-73-3

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EMERGENCY RESPONSE NUMBER
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All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Skin Irritant, Category 2
Eye Irritant, Category 2B

GHS Label Elements

Pictograms:



Signal word: WARNING

GHS Classification:

Hazard Classification

Skin Irritant, Category 2
Eye Irritant, Category 2B

Label Elements

Hazard Statement:

H315: Causes skin irritation
H319: Causes eye irritation

Precautionary Statements:

P103: Read label before use
P233: Keep container tightly closed
P262: Do not get in eyes, on skin, or on clothing
P281: Use personal protection equipment as required

Signal Word: WARNING



Section 3. Composition / Information on Ingredients

Common Name Octyl Palmitate
Synonym(s) Ethylhexyl Palmitate
CAS Number 29806-73-3

COMPONENT	CAS NUMBER	CONCENTRATION
Octyl Palmitate	29806-73-3	100%

Section 4. First Aid Measures

Eyes: P305: IF IN EYES: Immediately flush with gentle, but large stream of water for fifteen (15) minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation develops. t
Skin: P302: IF ON SKIN: Wash affected area with plenty of soap and water. If itching or redness develops, seek medical attention. Contaminated clothing should be removed immediately and washed before reuse. Contaminated shoes should be discarded.
Inhalation: P304: IF INHALED: Remove victim to fresh air. If breathing becomes difficult, contact a physician.
Ingestion: P301: IF SWALLOWED: Do NOT induce vomiting. If large amounts were swallowed, give water to drink and get medical attention.

Section 5. Firefighting Measures

Flash Point: 200°C
Auto-Ignition Temperature: No data
Flammable Limits (UEL/LEL): No data
Suitable Extinguishing Media: Water spray (fog), alcohol foam, dry chemical, carbon dioxide
Unsuitable Extinguishing Media: Water jet
Special Fire Fighting Equipment: Self-contained breathing apparatus with full face piece and protective clothing
Fire and Explosion Hazards: None known
Unusual Fire/Explosion Hazards: Emits toxic fumes under conditions of fire

Section 6. Accidental Release Measures

Personal Precautions

P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking
P261: Avoid breathing mists of product
P262: Do not get in eyes, on skin, or on clothing
P264: Wash thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection.



Environmental Precautions

P273: Avoid release to the environment
Limit leakage with earth or sand. Do not discharge into the drains/surface water/ground water.
Dispose of absorbed material in accordance with local, state and federal regulations.

Methods for Clean-Up: Take up with absorbent material (e.g. vermiculite, general purpose binder).
Dispose of absorbed material in accordance with local, state, and federal regulations.

Section 7. Handling and Storage

Handling

P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking
P261: Avoid breathing mists of product
P262: Do not get in eyes, on skin, or on clothing
P264: Wash thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Storage

P402+P404: Store in a dry place. Store in a closed container.
P403+P233: Store in a well-ventilated place. Keep container tightly closed. Protect from moisture.
Store in a cool, dry place.

Special Packaging: None known

Incompatible Materials: P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking. Strong oxidizers.

Section 8. Exposure Controls / Personal Protection

Personal Protective Equipment (PPE):

Hand: Chemical resistant gloves
Eye: Chemical goggles or glasses with side shields
Skin: Protective clothing
Respiration: The use of a NIOSH approved respirator protection may be needed if working in a poorly ventilated area

Engineering Measures/Controls:

Ventilation: Ensure adequate ventilation, especially in confined area
Other: Eye wash and safety shower in work area

Section 9. Physical and Chemical Properties

Appearance: Clear, Colorless to Yellow Liquid
Odor: Faint, Characteristic
pH: Not Applicable



Odor Threshold: Not Determined
Boiling Point: > 300°C (572°F)
Melt/Freeze Point: ~ 2°C (35.6°F)
Vapor Pressure: < 0.01 mmHg @ 20°C
Vapor Density: Not Determined
Flash Point: 200°C (> 392°F) (COC)
Evaporation Rate: < 0.01
UEL: Not Determined
LEL: Not Determined
Viscosity: Not Determined
Solubility in Water: Insoluble
Partition Coefficient: 10.6 (literature)
Specific Gravity: ~ 0.85 @ 25°C
Auto-Ignition Temp.: Not Determined
Decomp. Temp.: Not Determined
Volatile Content: < 0.1%

Section 10. Stability and Reactivity

Stability: Stable under normal conditions.
Materials to Avoid: Strong oxidizers
Conditions to Avoid: Exposure to moist air or water, extreme heat, sources of ignition
Hazardous Decomp.: Carbon Dioxide, Carbon Monoxide.
Hazardous Polymerization: Will not occur

Section 11. Toxicological Information

Routes of Exposure: Eye Contact, Skin Contact, Ingestion, Inhalation (mist or vapors)
Eye Contact: Minimal irritation, if any
Skin Contact: Minimal irritation, if any
Ingestion: Practically nontoxic
Inhalation: Minimal irritation, if any, from mists at ambient temperatures
Skin Sensitization: No Data Available

Acute Toxicity/Effects

Test	Test Type	Species	Results	Comments
Oral Toxicity	LD50	Rat	> 5000 mg/kg	Practically nontoxic
Dermal Toxicity	N/D	N/D	N/D	-
Inhalation Toxicity	N/D	N/D	N/D	-
Eye Irritation	N/D	N/D	N/D	-



Carcinogenicity

IARC	NTP	ACGIH	OSHA
No	No	No	No

Mutagenicity: No Data Available

Reproductive Effects: No Data Available

Target Organ Effects: No Data Available

Section 12. Ecological Information

Ecotoxicity

Test	Test Type	Species	Results	Comments
Acute Toxicity to Fish	LC50	Fish	> 100 mg/l (96h)	No effects expected at WSL (water solubility limit)
Acute Toxicity to Aquatic Invertebrates	EC50	Daphnia magna	> 100 mg/l (24h)	No effects expected at WSL (water solubility limit)
Acute Toxicity to Aquatic Plants	N/D	Algae	> 100 mg/l (48h)	No effects expected at WSL (water solubility limit)
Chronic Toxicity to Fish	N/D	N/D	N/D	-

Environmental Fate:

Persistence/Degradability: Product is expected to be readily biodegradable
~ 85% in 28d

COD/BOD5: No Data Available

Bioaccumulation Potential: BAF = 126 (literature) Potentially low bioaccumulation potential

Mobility in Soil: Low mobility is expected (literature)

Other Adverse Effects: No Data Available

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Product is not regulated as hazardous for transport by US DOT (Land), IATA/ICAO (Air), or IMDG/IMO (Maritime)



Section 15. Regulatory Information

Components Requiring Notification

SARA 302 (TPQ)	SARA 304 (RQ)	CERCLA (RQ)	CAA 112(r)
None	None	None	Not Listed

SARA 311/312 Hazard Categorization:

Acute	Chronic	Fire	Pressure	Reactivity
N	N	N	N	N

State Information:

California Prop. 65: May contain traces (<10 ppm) of the following components known to the State of California to cause cancer, birth defects or other reproductive harm: None.

State Right to Know/ The following chemicals are present on one or more

Hazardous Substance List: Right to Know/Hazardous Substance Lists for the states of MA, MN, NJ, PA, and RI: None.

Chemical Inventories

USA (TSCA)	Europe (EINECS)	Australia (AICS)	Philippines (PICCS)	Canada (DSL)	Korea (ECL)	Japan (ENCS)	China (IECSC)	New Zealand (NZIoC)
Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes

HMIS RATINGS

Health: 1

Flammability: 1

Reactivity: 0

PPE: X

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 6/11/2015