



SAFETY DATA SHEET - Ethylhexyl Palmitate

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Ethylhexyl Palmitate
Product Use: Raw material for industrial use; cosmetics
Company: Chemistry Connection
253 Sturgis Road
Conway, AR 72034
Phone: 501-470-9689
contact@thechemistryconnection.com

Emergency: Chemtrec: 800-424-9300

2. HAZARDS IDENTIFICATION

Hazard Symbols: None
R phrases: None

Particular Information Pertaining Specific Risk For Human / Environment

The product does not require a hazard warning label in accordance with Directive 67/548/EC; No special hazards have to be mentioned. But please observe the information given in this safety data sheet.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Characterization: 2-ethylhexyl palmitate
CAS No.: 29806-73-3
EC No.: 249-862-1

4. FIRST AID MEASURES

General Information: In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.
After Inhalation: Remove affected person from the immediate area. Ensure supply of fresh air.
After Skin Contact: Wash off immediately with soap and water.
After Eye Contact: Separate eyelids, wash the eyes thoroughly with water (15 min.).
After Ingestion: Seek medical advice immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Foam; Dry chemical extinguisher; Carbon dioxide; Water spray jet
Extinguishing Media to Avoid: Full water jet
Special Exposure Hazards: In the event of fire, the following can be released:
Carbon dioxide (CO₂)
Carbon monoxide (CO)
Toxic pyrolysis products

Special Protective Equipment: Use self-contained breathing apparatus. Wear protective clothing.
Other Information: Cool endangered containers with water spray jet.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions: Refer to protective measures listed in sections 7 and 8. Forms slippery surfaces with water.
- Environmental Precautions: Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.
- Clean Up and Uptaking: Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When picked up, treat material as prescribed under heading "Disposal considerations".

7. HANDLING AND STORAGE**Handling**

- Advice on Safe Handling: No special measures necessary if stored and handled as prescribed. Provide good ventilation of working area (local exhaust ventilation, if necessary).

Advice On Protection

- Against Fire And Explosion: Keep away from sources of heat and ignition.

Storage

- Requirements: Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Advice on Storage Assembly: Do not store together with:
Oxidizing agents
- Further Information: Keep container tightly closed in a cool, well-ventilated place. Protect from sun.
- Recommended Storage Temperature: Value 15 - 25 °C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Exposure Limit Values: None

Personal Protective Equipment

- Respiratory Protection: If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Short term: filter apparatus, combination filter A-P.
- Hand Protection: Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

- Appropriate Material: Butyl Rubber
Breakthrough Time > 120 min.

- Eye Protection: Safety glasses with side protection shield (EN 166)
Skin Protection: Clothing as usual in the chemical industry.

- General Hygiene Measures: Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapors.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Colourless
Odour:	Weak
Flash Point:	Value > 100 °C
Vapour Pressure:	
Remarks:	No data available
Density:	Value 0,85 - 0,86 g/ml
Reference Temperature:	20 °C
Solubility in Water:	Remarks immiscible

10. STABILITY AND REACTIVITY

Conditions To Avoid:	None, if handled according to order.
Materials to Avoid:	Oxidizing agents
Hazardous Decomposition Products:	No hazardous decomposition products known.
Thermal Decomposition:	Remarks: No decomposition if used as prescribed.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50 > 5000 mg/kg
Species:	Rat
Source:	Literature value

Acute Dermal Toxicity	
Remarks:	No data available.

Acute Inhalational Toxicity	
Remarks:	No data available.

Irritant Effect On Skin	
Species:	Rabbit
Evaluation:	Slight irritant effect - does not require labelling

Irritant Effect On Eyes	
Species:	Rabbit
Evaluation:	Slight irritant effect - does not require labelling

Sensitization	
Species:	Guinea pig
Evaluation:	Non-sensitizing
Method:	Maximization test

Effects After Repeated Or Prolonged Exposition (Subacute, Subchronic, Chronic)

Mutagenicity:	
Value:	Negative
Method:	Ames-Test

Reproduction Toxicity	
Remarks:	No experimental information on reproduction toxic effects available.

Carcinogenicity	
Remarks:	No experimental information on carcinogenic effects available.

12. ECOLOGICAL INFORMATION**Persistence And Degradability**

Biodegradability	
Source:	Literature value
Evaluation:	Readily biodegradable

Other Adverse Effects:	Ecological data are not available. Do not discharge product unmonitored into the environment.
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13. DISPOSAL CONSIDERATIONS

Product: Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging: Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

14. TRANSPORT INFORMATION

The product is not defined under national/international road, rail, sea and air transport regulations as a hazardous material.

15. REGULATORY INFORMATION

Labelling In Accordance With EC Directives

The product does not require a hazard warning label in accordance with EC Directive 67/548/EC.

Hazard Symbols: None
 R Phrases: None
 S phrases: None

Council Directive 96/82/EC On The Control Of Major-Accident Hazards Involving Dangerous Substances

Remarks Annex I, part 1 + 2: not mentioned. With regard to possibly Appropriate decomposition products see Chapter 10.

National Regulations

National Chemical Inventories

EINECS/ELINCS (European Communities): Components listed

16. OTHER INFORMATION

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