

## Ethylhexyl Palmitate

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

Date: 05-03-2017

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Ethylhexyl palmitate  
**Synonyms:** Not available  
**INCI Name:** Ethylhexyl palmitate  
**CAS Number:** 29806-73-3  
**Formula:** Not available  
**Product Form:** Liquid  
**Product Use:** Cosmetic use

**Distributor:** MakingCosmetics.com Inc.  
**Address:** 10800 231<sup>st</sup> Way NE  
 Redmond, WA 98053 (USA)  
**Phone / Fax:** 425-292-9502 / 425-292-9601  
**Web:** [www.makingcosmetics.com](http://www.makingcosmetics.com)

**Emergency Telephone Number:** 1-800-424-9300 (Chemtrec)

### 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	0	Minimal
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	n/a	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Ethylhexyl Palmitate	29806-73-3	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:** For skin contact, wipe away excess material with dry towel. The wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.  
**Ingestion:** If vomiting occurs, keep head lower than hips to prevent aspiration.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Water fog, foam, dry chemical or carbon dioxide.  
**Special protective equipment & precautions for firefighters:** None known.  
**Flash Points:** 223 deg. C  
**Specific hazards arising from the chemical:** Containers can build up pressure if exposed to heat (fire). Vapors may form ignitable mixture with air.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** See section 8 for recommendations on the use of personal protective equipment.  
**Environmental precautions:** Product is biodegradable.  
**Methods and material for containment and cleaning up:** Eliminate source of ignition. Shut off sources, if possible to do so safely. Prevent liquid from entering sewers, water courses or low areas. Advise authorities if material has entered sewer, water courses or has contaminated soil.

## 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 closed when not in use. Keep away from heat, sparks and flames.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Ethylhexyl Palmitate	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:** Safety glasses, goggles, or face shield recommended for eye protection.

**Inhalation:** N/A

**Body:** Gloves and protective clothing should be worn to prevent prolonged skin contact.

**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

<b>Appearance, Physical State:</b>	Liquid	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Essentially Odorless	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Negligible
<b>Color:</b>	Colorless- Clear	<b>Voc (EPA METH.24) (G/L):</b>	Unknown
<b>Pounds/Gallo (Water=8.3):</b>	7.11-7.16 lbs/gal	<b>Solubility in Organic Solvents:</b>	Mineral Oil
<b>pH (10% sol. in water)</b>	Not available	<b>Solubility:</b>	Insoluble in water
<b>Boiling Point:</b>	198°C @ 10 mmHg	<b>Flash Point:</b>	Not available
<b>Melting Point:</b>	<-2 deg. C	<b>Specific Gravity:</b>	Not available

## 10 STABILITY AND REACTIVITY

**Reactivity:** Stable under normal conditions.

**Chemical Stability:** Stable under normal conditions.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None known.

**Incompatible Materials:** Not available.

**Hazardous Decomposition Products:** None Known.

## 11 TOXICOLOGICAL INFORMATION

**Acute Oral LD50 (MG/KG):** >64,000 mg/kg

**Acute Dermal LD (MG/KG):** Non-Toxic, no apparent dose response found

**Acute Inhalation LC50 (MG/L):** Negative

**Ames Test:** Non-irritating to skin (rbt), minimally irritating to eye (rbt).

**Other:** Non-sensitizing to skin (rbt). Tested as Non-Comedogenic. CIR Compendium conclusion: "safe as a cosmetic ingredient in the present practices of use and concentration". ERECS Number (RTN): RT4740000

**Teratogenicity:** Not available

**Germ Cell Mutagenicity:** Not available

**Embryo toxicity:** Not available

**Specific Target Organ Toxicity:** Not available

**Reproductive Toxicity:** Not available

**Respiratory/Skin Sensitization:** Not available

## 12 ECOLOGICAL INFORMATION

<b>Eco toxicity</b>	
Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
<b>Persistence and Degradability:</b>	Not available
<b>Bio accumulative Potential:</b>	Not available
<b>Mobility in Soil:</b>	Not available
<b>PBT and vPvB Assessment:</b>	Not available
<b>Other Adverse Effects:</b>	Not available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated
<b>IATA (International Air Transport Association):</b>	Not regulated
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	N/A.
<b>DSCL (EEC):</b>	This product is not classified according to the EU regulations. Not applicable.
<b>WHMIS (Canada):</b>	Not controlled under WHMIS (Canada)

## 16 OTHER INFORMATION

<b>Revision Date:</b>	05-03-2017
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.