



Section 1. Product and Company Identification

**Product Name** 2-Ethylhexyl Stearate  
**CAS Number** Mixture

**Parchem - fine & specialty chemicals**  
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**New Rochelle, NY 10801**  
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CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**  
**Classification of this substance/mixture is based on 29 CFR 1910.1200/HazCom 2012 (GHS-US):** Not classified

**GHS Label Elements**

**Pictograms:** N/A

**Signal word:** N/A

**Hazard and precautionary statements**

**Precautionary Statements**

P262: Do not get in eyes, on skin, or on clothing

P302+352: If on Skin, Wash with plenty of soap and water.

P305+351 +338: If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do- continue rinsing.

P314: Get medical advice/attention if you feel unwell.

Section 3. Composition / Information on Ingredients

**Common Name** 2-Ethylhexyl Stearate  
**CAS Number** Mixture

COMPONENT	CAS NUMBER	CONCENTRATION
Octadecanoic acid, 2-ethylhexyl ester	22047-49-0	40-60%
Hexadecanoic acid, 2-ethylhexyl ester	29806-73-3	40-60%

Section 4. First Aid Measures

**Eyes:** Immediately flush with gentle but large stream of water for 15 min, lifting upper and lower eyelids occasionally. Get medical attention if irritation develops.



**Skin:** Wash affected area with 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:** Move the person to fresh air. If breathing becomes difficult, contact a physician.

**Ingestion:** Do not induce vomiting. If large amounts were swallowed, give water to rinse mouth and get medical attention.

#### Section 5. Firefighting Measures

**Extinguishing Media:** Water spray, dry chemical, alcohol foam, or carbon dioxide.

**Unsuitable Extinguishing Media:** Water Jet

**Special Protective Equipment for Firefighters:** Self-contained breathing apparatus and protective clothing when fighting any chemical fire.

**Unusual Fire & Explosion Hazards:** In case of fire, containers may explode from internal pressure. Cool with water. May emit toxic fumes of CO and CO<sub>2</sub> under fire conditions.

#### Section 6. Accidental Release Measures

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

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

**Methods for Containment/Cleaning 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/eye protection

##### Storage

P402+404: Store in a dry place. Store in a closed container

P403+233: Store in a well ventilated place. Keep container tightly closed

Protect from moisture. Do not store together with acids.



**Special Packaging Requirements:** None known.

**Incompatible Materials or Fire/Explosion Protection**

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 Protection:** Use impervious gloves.

**Eye Protection:** Use impervious gloves.

**Skin Protection:** Wear protective clothing.

**Respiratory Protection:** Recommended if ventilation is limited

**Engineering Measures/Controls**

**Ventilation:** Ensure adequate ventilation to maintain product at acceptable airborne levels.

**Other measures:** Eye-wash station.

**Exposure Limits/Guidelines:** None

Section 9. Physical and Chemical Properties

**Appearance:** Clear, colorless to yellow liquid

**pH:** N/A

**Boiling Point:** > 572°F (300°C) (lit.)

**Vapor Pressure:** N/D

**Flash Point:** >392°F (200°C) (COC)

**Odor:** Faint

**Odor Threshold:** N/D

**Melting/Freezing point:** -41 oF (5°C) (pour pt.)

**Vapor Density (Air=1):** N/A

**Evaporation Rate:** < 0.01

**LEL:** N/D

**Solubility in Water:** Insoluble

**Specific Gravity/ Bulk Density:** -0.86@ 25°C

**Decomposition Temperature:** N/D

**VOC Data:** N/D

**UEL:** N/D

**Viscosity:** N/D

**Octanol/Water Partition Coefficient:** N/D

**Auto-ignition temperature:** N/D

**Volatile content:** < 0.1%

Section 10. Stability and Reactivity

**Chemical Stability:** Product is stable under ordinary conditions of use and storage.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Exposure to moist air or water, extreme heat, sources of ignition.

**Incompatible Materials:** Strong oxidizers.

**Hazardous Decomposition Products:** Extremely high temperatures and thermal decomposition may produce CO<sub>x</sub>.

Section 11. Toxicological Information

**Acute Data**

**Principle Routes of Exposure:** Eye contact, skin contact, ingestion, inhalation (mist).

**Acute Toxicity**

**Route of exposure:** Oral

**Test type:** LD50

**Species:** Rat

**Results:** >2000 mg/kg

**Comments:** H303: May be harmful if swallowed

**Irritation and Corrosion**

**Target organ:** Eyes

**Species:** Rabbit

**Results:** Non-irritating

**Target organ:** Skin

**Species:** Rabbit

**Results:** Non-irritating

**Sensitization**

**Target organ:** Skin

**Species:** Human

**Results:** No effects known

**Specific Target Organ Toxicity - Single Exposure:** None

**Chronic Data**

**Carcinogenicity**

**IARC:** No

**NTP:** No

**ACGIH:** No

**OSHA:** No



**Mutagenicity:** NDA  
**Reproductive Effects:** NDA  
**Target Organ Effects:** NDA

Section 12. Ecological Information

**Acute Aquatic Toxicity**

**Species:** Fish

**Test type:** LC50

**Exposure time:** 96h

**Results:** >100 mg/l

**Comments:** No toxicity reported for any organisms at water solubility limit.

**Environmental Fate**

**Persistence/Degradability:** Product is expected to be readily biodegradable.

**COD/BOD5:** NDA

**Bioaccumulation Potential:** Low

**Mobility in Soil:** Low mobility is expected. (lit.)

**Other Adverse Effects:** NDA

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

**US DOT Regulations (Land Transport):** Not regulated

**IATA/ICAO Regulations (Air Transport):** Not regulated.

**IMDG/IMO Regulations (Maritime Transport):** Not regulated.

Section 15. Regulatory Information

**Domestic Regulations**

**Components requiring notification**

**SARA 302 (TPQ):** None

**SARA 304 (RQ):** None

**SARA 313:** None

**CERCLA (RQ):** None

**CAA 112(b) HAPS:** None

**CAA 112(r):** None

**SARA 311/312 Hazard Categorization:** None



**State Information**

**California Proposition 65:** May contain traces (< 100 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/Hazardous Substance List Information:** The following chemicals are present on one or more Right to Know/Hazardous Substance Lists for the states of MA, MN, NJ, PA and RI. None

This is not an exhaustive list. For information on listings in other states, please consult that state's RTK/HSL.

**Chemical Inventories**

**United States (TSCA):** Yes

**Europe (EINECS/ ELINCS/NLP):** Yes

**Australia (AICS):** Yes

**Philippines (PICCS):** NDA

**Canada**

**DSL:** Yes

**NDSL:** No

**Korea (ECL):** Yes

**Japan (ENCS/ISHL):** No

**China (IECSC):** Yes

**New Zealand (NZioC):** Yes

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.

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