



Section 1. Product and Company Identification

**Product Name** 2-Ethylhexyl Laurate  
**CAS Number** 20292-08-4

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**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**  
Not classified as a hazardous substance or mixture

**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 Laurate  
**Synonym(s)** Dodecanoic acid, 2-ethylhexyl ester  
**CAS Number** 20292-08-4

COMPONENT	CAS NUMBER	CONCENTRATION
2-Ethylhexyl Laurate	20292-08-4	100% wt.

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 if you feel unwell

#### Section 5. Firefighting Measures

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

**Unsuitable Extinguishing Media:** None known.

**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:** Wear safety glasses with side shields.

**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

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

**Odor:** Faint

**pH:** N/A

**Odor Threshold:** N/D

**Boiling Point:** > 392°F (200°C)

**Melting/Freezing point:** < -10°F (-23.3°C) (pour pt.)

**Vapor Pressure:** < 0.01 mmHg (20°C)

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

**Flash Point (COC):** >338°F (170°C)

**Evaporation Rate:** < 0.01

**UEL:** N/D

**LEL:** N/D

**Viscosity:** N/D

**Solubility in Water:** Insoluble

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

**Specific Gravity/ Bulk Density:** ~ 0.86 (25°C)

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

**Decomposition Temperature:** N/D

**Volatile content:** < 4%

**VOC Data:** < 4%

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	Test type	Species	Results	Comments
Oral	LD50	Rat	> 2000 mg/kg	H303: May be harmful if swallowed

**Irritation and Corrosion**

Target organ	Species	Results	Comments
Eyes	Rabbit	Non-irritating	-
Skin	Rabbit	Non-irritating	-

**Sensitization**

Target organ	Species	Results	Comments
Skin	Human	No effects known	-

**Specific Target Organ Toxicity - Single Exposure**

Target organ	Species	Results	Comments
None			-

**Chronic Data**

**Carcinogenicity**

IARC	NTP	ACGIH	OSHA
No	No	No	No

**Mutagenicity:** NDA

**Reproductive Effects:** NDA

**Target Organ Effects:** NDA



Section 12. Ecological Information

**Acute Aquatic Toxicity**

Species	Test type	Exposure time	Results	Comments
Fish	LC50	96h	> 100 mg/l	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:** Moderate due to low water solubility and low vapor pressure.

**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)**

**Proper Shipping Name:** Not regulated.

**Hazard Class:** Not regulated.

**UN Number:** Not regulated.

**Packing Group:** Not regulated.

**Label Required:** Not regulated.

**Other Information:** Not regulated.

**IATA/ICAO Regulations (Air Transport)**

**Proper Shipping Name:** Not regulated.

**Hazard Class:** Not regulated.

**UN Number:** Not regulated.

**Packing Group:** Not regulated.

**Label Required:** Not regulated.

**Other Information:** Not regulated.

**IMDG/IMO Regulations (Maritime Transport)**

**Proper Shipping Name:** Not regulated.

**Hazard Class:** Not regulated.

**UN Number:** Not regulated.

**Packing Group:** Not regulated.



**Label Required:** Not regulated.  
**EMS Number:** Not regulated.  
**Segregation Groups:** Not regulated.  
**Marine Pollutant (Y/N):** Not regulated.  
**Other Information:** 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 (< 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/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):** Yes  
**Canada (DSL):** No  
**Canada (NDSL):** Yes  
**Korea (ECL):** Yes  
**Japan (ENCS/ISHL):** Yes  
**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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