

# EnSense™ Luxe PTIS

## Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision Date: 05/14/18 Date of Issue: 7/13/2017

Version: 1.0



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## 1. IDENTIFICATION

### Product identifier

**Product Name** EnSense™ Luxe PTIS

**Other means of identification** Pentaerythritol Tetra Isostearate

**Chemical Name(s)** 2,2-bis[[1-(1-oxoisooctadecyl)oxy]methyl]-1,3-propanediyl bis(isooctadecanoate)  
**CAS #** 62125-22-8

### Recommended use of the chemical and restrictions on use

**Recommended Use** Skin cosmetics

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

**Supplier Identification** Acme-Hardesty Co

**Address** 450 Sentry Parkway, Suite 104  
Blue Bell, PA 19422  
US

**Telephone** Phone: 866-226-3834  
Phone: 215-591-3610

**Website** [www.acme-hardesty.com](http://www.acme-hardesty.com)

### Emergency telephone number

**Company Emergency Phone Number** 800-424-9300  
For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

## 2. HAZARDS IDENTIFICATION

### Classification

Not classified.

The product contains no substances which at their given concentration, are considered to be hazardous to health

### GHS Label elements, including precautionary statements

#### **Hazard statements**

Not classified.

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### Other information

#### **Unknown acute toxicity**

- 100 % of the mixture consists of ingredient(s) of unknown toxicity
- 100 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Pentaerythrityl Tetra Isostearate	62125-22-8	100	-	-

### 4. FIRST AID MEASURES

#### First aid measures

- Inhalation** Remove to fresh air.
- Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin contact** Wash skin with soap and water.
- Ingestion** Clean mouth with water and drink afterwards plenty of water.

#### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Sand

**Unsuitable extinguishing media** CAUTION: Use of water spray when fighting fire may be inefficient.  
**Specific hazards arising from the chemical** No information available.

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**Hazardous Combustion Products** Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with eyes.  
Wear protective equipment. Keep unprotected persons away.  
Use respiratory protective device against the effects of fumes/dust/aerosol.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dam up. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and direct sunlight.

**Recommended Use** Skin cosmetics

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

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<b>Eye/face protection</b>	No special protective equipment required. Goggles recommended during refilling.
<b>Skin and body protection</b>	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Yellow
<b>Odor</b>	Characteristic
<b>Color</b>	No information available
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
<b>pH</b>	UNKNOWN	
<b>Melting / freezing point</b>	-29° C	Pour Point
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash Point</b>	242° C / 468° F	
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	0 hPa @ 20° C	QSAR
<b>Vapor density</b>	No data available	None known
<b>Density</b>	0.92 @ 40° C	EU Method A.6
<b>Water Solubility</b>	Immiscible	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	not determined	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	145 mm <sup>2</sup> /s (static)	@ 40° C
<b>Dynamic viscosity</b>	No data available	

### Other Information

<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Particle Size</b>	No information available
<b>Particle Size Distribution</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
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<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	None known based on information supplied.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	No sensitizing effects known.
<b>Eye contact</b>	No irritating effect.
<b>Skin contact</b>	No sensitizing effects known.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

### Information on toxicological effects

**Symptoms** No information available.

### Numerical measures of toxicity

#### Acute Toxicity

LD/LC50 values relevant for classification:		
2,2-bis[[[1-oxoisooctadecyl)oxy)methyl]-1,3-propanediyl bis(isooctadecanoate) – (CAS 62125-22-8)		
Oral	LD 50	> 10000 mg/kg bw (Rat) (OECD 401, CAS # 62125-22-8)
Dermal	LD 50	> 2000 mg/kg bw (Rat, Wistar) (OECD 402, CAS # 62125-22-8)
Inhalative	LC 50 (4h)	5,5 mg/L air (Rat, Sprague-Dawley) (OECD 403, RA CAS # 67762-53-2)

Repeated dose toxicity		
2,2-bis[[[1-oxoisooctadecyl)oxy)methyl]-1,3-propanediyl bis(isooctadecanoate) – (CAS 62125-22-8)		
Oral	NOAEL	≥ 1000 mg/kg bw/day (Rat, Wistar) (OECD 408, RA CAS # 146289-36-3)
Dermal	NOAEL	≥ 2000 mg/kg bw/day (Rat, Sprague-Dawley) (OECD 411, RA CAS # 67762-53-2)

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	Negative.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

## 12. ECOLOGICAL INFORMATION

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### Toxicity

<b>Aquatic Toxicity</b>	
<b>2,2-bis[[[(1-oxoisooctadecyl)oxy]methyl]-1,3-propanediyl bis(isooctadecanoate) – (CAS 62125-22-8)</b>	
LC 50 (96h)	> 100 mg/L (Fish, Danio rerio) (OECD 203, CAS # 62125-22-8)
EL50 (48h) (static)	> 1072 mg/L (Daphnia magna) (OECD 202, RA CAS # 71010-76-9)
EL50 (72h)	> 1000 mg/L (Algae, Pseudokirchnerella subcapitata) (OECD 201, CAS # 62125-22-8)
NOELR (21d)	> 135 mg/L (Daphnia magna) (OECD 211, RA CAS # 71010-76-9)

<b>Persistence and Degradability</b>	No information available.
<b>Bioaccumulation</b>	There is no data for this product.
<b>Mobility</b>	No information available.
<b>Other adverse effects</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

<b><u>DOT</u></b>	NOT REGULATED
<b>Proper Shipping Name</b>	NON-REGULATED
<b>Hazard Class</b>	N/A

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

<b><u>IATA</u></b>	Not regulated
<b>Proper Shipping Name</b>	NON REGULATED
<b>Hazard Class</b>	N/A

**IMDG/IMO** Not regulated  
  **Hazard Class** N/A

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

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### International Regulations

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

### International Inventories

<b>TSCA</b>	Listed.
<b>DSL/NDSL</b>	Listed.
<b>EINECS/ELINCS</b>	Listed (263-423-1).
<b>ENCS</b>	Listed (2-642)
<b>KECL</b>	Listed (2015-3-6589).
<b>PICCS</b>	Listed.
<b>AICS</b>	Listed.

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

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### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

## 16. OTHER INFORMATION

<b><u>NFPA</u></b>	<b>Health hazards</b> 1	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and Chemical Properties -</b>
<b><u>HMIS</u></b>	<b>Health hazards</b> 1	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal Protection</b> X

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Revision Date** 14-May-2018

**Revision Note** No information available

### **Disclaimer**

#### Disclaimer

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

Users must make their own determination that handling, storage, use and disposal of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product or container.

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**End of Safety Data Sheet**