

## C-899

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Substance

**Product Name:** C-899

**CAS No:** 124-07-2

**Synonyms:** Caprylic Acid

#### Intended Use of the Product

**Use of the Substance/Mixture:** Not available

#### Name, Address, and Telephone of the Responsible Party

##### **Company**

Peter Cremer North America, LP

3117 Southside Ave.

Cincinnati, OH 45204

1-513-471-7200

1-877-901-7262 (Toll free)

#### Emergency Telephone Number

**Emergency Number** : CHEMTREC: 1-800-424-9300 US and Canada; 1-703-527-3887 for calls originating elsewhere

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### **Classification (GHS-US)**

Skin Corr. 1B H314

Eye Dam. 1 H318

Full text of H-phrases: see section 16

#### Label Elements

##### **GHS-US Labeling**

##### **Hazard Pictograms (GHS-US)**

:



GHS05

##### **Signal Word (GHS-US)**

: Danger

##### **Hazard Statements (GHS-US)**

: H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

##### **Precautionary Statements (GHS-US)**

: P260 - Do not breathe vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P280 - Wear protective gloves, protective clothing, and eye protection.

P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a poison center or doctor.

P321 - Specific treatment (see section 4 on this SDS).

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## SECTION 2: HAZARDS IDENTIFICATION

P363 - Wash contaminated clothing before reuse.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### **Other Hazards**

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

### **Unknown Acute Toxicity (GHS-US)**

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### **Substances**

Name : C-899

CAS No : 124-07-2

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Octanoic acid	(CAS No) 124-07-2	99 - 100	Skin Corr. 1B, H314 Eye Dam. 1, H318

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### **Description of First Aid Measures**

**General:** Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 60 minutes. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

### **Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Corrosive to eyes, respiratory system and skin.

**Inhalation:** Corrosive to mucus membranes.

**Skin Contact:** Causes severe skin burns.

**Eye Contact:** Causes serious eye damage.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Chronic Symptoms:** Not available

### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention.

## SECTION 5: FIRE-FIGHTING MEASURES

### **Extinguishing Media**

**Suitable Extinguishing Media:** Water spray, fog, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), dry chemical powder.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. A heavy water stream may spread burning liquid.

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## SECTION 5: FIRE-FIGHTING MEASURES

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Does not decompose up to 204° C (400° F). Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

**Reference to Other Sections:** Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid all eyes and skin contact and do not breathe vapor and mist.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**General Measures:** Avoid all eyes and skin contact and do not breathe vapor and mist.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### **Environmental Precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### **Reference to Other Sections**

See section 8, Exposure Controls and Personal Protection. For further information refer to section 13.

## SECTION 7: HANDLING AND STORAGE

### **Precautions for Safe Handling**

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep/Store away from extremely high or low temperatures, ignition sources, direct sunlight, incompatible materials. Store in a well-ventilated place. Keep container tightly closed.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

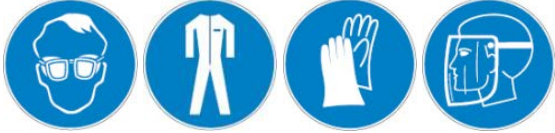
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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Avoid all unnecessary exposure. Protective goggles. Corrosionproof clothing. Gloves. Face shield.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Wear fire/flammable resistant/retardant clothing. Corrosionproof clothing.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical safety goggles and face shield.

**Skin and Body Protection:** Corrosionproof clothing.

**Respiratory Protection:** Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Water white to light yellow
Odor	: Musty, Rancid
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: > 232.2 °C (450 °F) @ 760 mmHg
Flash Point	: > 135.6 °C (276 °F) (Closed-cup)
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: <= 1 mm Hg @ 22° C (72° F)
Relative Vapor Density at 20 °C	: Not available
Relative Density	: 0.9 @ 22° C
Specific Gravity	: Not available
Solubility	: Negligible @ 22 °C (72°F)
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Chemical Stability:** Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

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**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Hazardous Decomposition Products:** Does not decompose up to 204° C (400° F). Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Causes severe skin burns and eye damage.

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not available

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Corrosive to mucus membranes.

**Symptoms/Injuries After Skin Contact:** Causes severe skin burns.

**Symptoms/Injuries After Eye Contact:** Causes serious eye damage.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

#### Octanoic acid (124-07-2)

LD50 Dermal Rabbit	> 2000 mg/kg
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## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** Not classified

#### Octanoic acid (124-07-2)

LC50 Fish 1	310 mg/l (Exposure time: 96 h - Species: Oryzias latipes [semi-static])
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LC 50 Fish 2	110 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
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### Persistence and Degradability

#### C-899 (124-07-2)

Persistence and Degradability	Not established.
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### Bioaccumulative Potential

#### C-899 (124-07-2)

Bioaccumulative Potential	Not established.
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#### Octanoic acid (124-07-2)

Log Pow	2.92
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**Mobility in Soil** Not available

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## SECTION 12: ECOLOGICAL INFORMATION

### Other Adverse Effects

Other Information: Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Additional Information:** Handle empty containers with care because residual vapors are flammable.

## SECTION 14: TRANSPORT INFORMATION

### In Accordance with DOT

Proper Shipping Name :CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (OCTANOIC ACID)  
Hazard Class :8  
Identification Number :UN3265  
Label Codes :8  
Packing Group :III  
ERG Number :153



### In Accordance with IMDG

Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OCTANOIC ACID)  
Hazard Class : 8  
Identification Number : UN3265  
Packing Group : II  
Label Codes : 8  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B



### In Accordance with IATA

Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (OCTANOIC ACID)  
Packing Group : II  
Identification Number : UN3265  
Hazard Class : 8  
Label Codes : 8  
ERG Code (IATA) : 8L



### In Accordance with TDG

Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (OCTANOIC ACID)  
Packing Group : II  
Hazard Class : 8  
Identification Number : UN3265  
Label Codes : 8



## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

C-899 (124-07-2)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
Octanoic acid (124-07-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### US Federal Regulations

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## SECTION 15: REGULATORY INFORMATION

<b>C-899 (124-07-2)</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Immediate (acute) health hazard
<b>Octanoic acid (124-07-2)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### US State Regulations

<b>Octanoic acid (124-07-2)</b>	
U.S. - Texas - Effects Screening Levels - Long Term	
U.S. - Texas - Effects Screening Levels - Short Term	

### Canadian Regulations

<b>C-899 (124-07-2)</b>	
WHMIS Classification	Class E - Corrosive Material
	
<b>Octanoic acid (124-07-2)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Class E - Corrosive Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

<b>Revision Date</b>	: 06/10/2015
<b>Other Information</b>	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Corr. 1B	Skin corrosion/irritation Category 1B
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage

### Party Responsible for the Preparation of This Document

Peter Cremer North America, LP  
1-513-471-7200  
1-877-901-7262 (Toll Free)

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SDS NA Peter Cremer