

PETER CREMER

NORTH AMERICA, LP

LC 1099

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- **Material Name:** LC 1099
- **Synonyms/Trade Names:** Capric Acid
- **Company Identification:**
Peter Cremer North America
3117 Southside Ave.
Cincinnati, OH 45204
1-513-471-7200
1-877-901-7262

Emergency Phone Number:

CHEMTREC 1-800-424-9300 U.S. and Canada
1-703-527-3887 For calls originating elsewhere

For Quality or Service Issues:
Call Customer Service
1-877-901-7262 or 513-471-7200

2. COMPOSITION & INGREDIENTS HAZARDS IDENTIFICATION

<u>Name:</u>	<u>CAS No.</u>	<u>EINECS NO.</u>	<u>Weight %</u>
Capric Acid or Decanoic Acid	334-48-5	206-376-4	N/A

3. HAZARDS IDENTIFICATION

- **European Hazard Classification:** Not applicable
- **Emergency Overview:** Causes skin irritation and causes serious eye irritation. May cause respiratory irritation.
- **Potential Health Effects:**
Eyes: If eye irritation persists, seek medical attention.
Skin: If skin irritation occurs, seek medical attention.
Inhalation: If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing.
- **Physical/Chemical Hazards:** None identified.
- **Environmental Hazards:** None identified.

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4. FIRST AID MEASURES

- **Eye –** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart. Seek medical attention as needed.
- **Skin –** Wash skin with soap and water upon contact. Remove contaminated clothing. If irritation develops, seek medical attention. Wash clothing before reuse.
- **Inhalation –** Remove to fresh air. Get medical attention as needed.
- **Ingestion –** Do not induce vomiting. Rinse mouth out with water and seek medical attention.

5. FIRE FIGHTING MEASURES

- **Suitable extinguishing media:** Carbon dioxide, dry chemical, foam and water spray.
- **Unsuitable extinguishing media (must not be used for safety reasons):** Water Jet
- **Sensitivity to mechanical impact/static discharge:** None identified.
- **Other Fire Fighting Consideration:** Wear self-contained breathing apparatus and full protective clothing.
- **Hazardous Products of Combustion:** Carbon monoxide and carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear personal protection equipment. Avoid breathing vapors or mist.
- **Environmental Precautions:** Minimize contamination of drains, surface and ground waters.
- **Procedures for Spill/Leak Clean-up:** Soak up with absorbent such as dry earth, sand or other non-combustible material and transfer to containers for disposal.
Dispose in compliance with Federal, State, and /or Local requirements.

7. HANDLING AND STORAGE

- **Handling:** Use gloves and wear goggles.
- **Storage:** Keep in a cool and dry place, avoid extreme heat and cold. Avoid direct fire. Keep separate from oxidants. Store in clean, dry, preferably stainless steel vessels. In bulk, store at about 10 deg C above melting point or ambient. Temperature higher than necessary degrades quality at rate dependent on time and temperature of exposure. Exposure to ultraviolet light and sunlight must be minimized to prevent quality loss.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Personal Protective Equipment:

- **Eyes –** Protective goggles
- **Skin –** Protective work clothing. Immediately remove contaminated clothing.
- **Inhalation –** An appropriate NIOSH/MSHA approved air purifying respirator should be used if a mist or vapor is generated. A NIOSH/MSHA approved self contained breathing apparatus or air supplied respirator is recommended if the concentrations exceeds the capacity of the cartridge respirator.
- **Hands –** Adequate protective gloves.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Color: Clear pale yellow

Odor: Slight unpleasant, musty rancid odour

Odor Threshold: Not available

Vapor Density: Not available

pH: Not available

Flash Point: >140° C

Evaporation Rate: Not applicable

Flammability (solid/gas): Not flammable

Explosive Limits: Not explosive

Boiling Point: 269° C @ 760mm Hg

Melting Point/ Freezing Point: 31° C

Vapor Pressure: <7.5 x 10⁻⁴ mm Hg @ 20°C

Relative Density: < 1.0 @ 20 °C at saturated mixture vapour/air (air=1)

Solubility: 0.15g/l @ 20 °C

Partition coefficient- n-octanol/water: 4.09

Auto-ignition temperature: >250°C

Decomposition Temperature: Not available

Viscosity: 5.37mPa.s @ 40 °C

Density @ 20°C: 1.022 g/ml

Relative molecular mass: 172.3

10. STABILITY AND REACTIVITY

- **Incompatible Materials to Avoid:** None Known
- **Hazardous Decomposition Products:** None Known

11. TOXICOLOGICAL INFORMATION

- **Acute Oral Toxicity:**
LD50 Rat >10000 mg/kg (body weight)
 - **Acute Dermal Toxicity:**
LD50 Rabbit >5000 mg/kg (body weight)
 - **Skin Corrosion/ Irritation:**
Primary skin irritation (rabbit)- Irritating
- Skin:** Not sensitizing
Eyes: Highly irritating
Inhalation: Not sensitizing
Germ cell mutagenicity: None
Carcinogenicity: None
Reproductive toxicity: No harmful effect expected
STOST-single/repeated exposure: None
Aspiration hazard: Not available

12. ECOLOGICAL INFORMATION

- **Ecotoxicity in Water:**

LC50	Acute fish toxicity	>100 mg/l
EC50	Acute bacteria toxicity	>100 mg/l
EC50	Daphnia magna	>65 mg/l
EC50	Algae	0.002mmo/L
- Products of Biodegradation:** Readily biodegradable

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13. DISPOSAL CONSIDERATIONS

DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATION. Do not dispose of via sinks, drains or into the immediate environment.

14. TRANSPORT INFORMATION

- **UN Number:** None
 - **UN Proper Shipping Name:** None
 - **Packing Group:** None
 - **Transport Hazard Class:** Non hazardous according to RID/ADR, GGVS/GGVE, ADNDR, IMDG, ICAO-TI/IATA-DGR
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15. ADDITIONAL REGULATORY INFORMATION

- **Inventory Status:**
 - **Inventory Status:**
TSCA (US), AICS (Australia), DSL/NDSL (Canada), EINECS (EU), CHIRP (Japan), NZIoC (New Zealand), PICCS (Philippines).
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16. OTHER INFORMATION

IMPORTANT: The information on product provided herein, while believed to be accurate and reliable, is given without guarantee or warranty of any kind expressed or implied. Any implied warranties of merchantability and fitness for purposes are expressly disclaimed. Purchaser assumes all risk in acting on this information or any information provided by Peter Cremer N.A. representatives. Individual requirements may vary, and each purchaser is urged to perform its own tests, experiments and investigations in the use of Peter Cremer N.A. products for purposes of determining efficacy for the intended use and for purposes of determining compliance with applicable Federal, State and local laws and regulations. Nothing contained herein shall be construed as a recommendation to use any product in connection with existing patents covering any material or its use. Moreover, no license is to be implied under any patents relating to uses of the above described chemicals other than those uses specifically referenced herein.