

PETER CREMER

NORTH AMERICA, LP

Palmitic Acid, FA-1660V

MATERIAL SAFETY DATA SHEET

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

- **Material Name:** Palmitic Acid, FA-1660V
- **Synonyms/Trade Names:** Fatty Acid C16
- **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>Weight %</u>
Hexadecanoic Acid, C ₁₆ H ₃₂ O ₂	57-10-3	N/A

3. HAZARDS IDENTIFICATION

- **Potential Health Effects:**
 - Inhalation:** Sore throat, cough
 - Ingestion:** Sore throat, abdominal pain
- **Physical/ Chemical Hazards:** None identified.
- **Environmental Hazards:** None identified.

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. Do not give anything by mouth to an unconscious person.

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5. FIRE FIGHTING MEASURES

- **Suitable extinguishing media:** Carbon dioxide, dry chemical powder, and foam.
- **Unsuitable extinguishing media:** Not applicable.
- **Sensitivity to mechanical impact/ static discharge:** None identified.
- **Other Fire Fighting Consideration:** Wear self-contained breathing apparatus and full protective clothing. Keep away from open flame, no smoking.
- **Hazardous Products of Combustion:** Combustible; carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear personal protection equipment.
- **Environmental Precautions:** Minimize contamination of drains, surface and ground waters.
- **Procedures for Spill/ Leak Clean-up:** Collect leakage in sealable containers. Soak up with absorbent such as dry earth, sand or other non-combustible material and transfer to containers for disposal. Wash site with sodium bicarbonate solution or ash soda. Wipe to clean. Can also allow spillage to solidify, and then shovel into containers. Clean up area immediately.
Dispose in compliance with Federal, State, and /or Local requirements.

7. HANDLING AND STORAGE

- **Handling and Storage:** To use gloves and wear goggles when handling. Keep in a cool and dry place. Avoid extreme heat and cold. Avoid direct fire, strong alkalis, and strong oxidizers. Store in clean, dry preferably stainless steel vessels. In bulk, store at about 5-10 deg C above melting point. Temperature higher than necessary degrades quality at rates dependent on time and temperature of exposure. Exposure to ultraviolet light, especially sunlight must be minimized to prevent quality loss.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Personal Protective Equipment:

- **Eyes –** Use face shield.
- **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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid, Crystalline.

Color: Waxy, white

Odor: Slight bland/ tallow-like.

Flash Point: >200°C (PMCC)

Auto-ignition Temperature: >250°C

Relative Molecular Mass: 256.4

Boiling Point @ 760 mm Hg: >300° C

Melting Point: 62.9° C

Vapor Pressure @ 131°C: <1.0 mm Hg

Solubility in Water, (g/100ml) @ 20°C: None

Density @ 75°C: 0.845 g/ml

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10. ECOLOGICAL INFORMATION

- **Ecotoxicity in Water:**

LC50	Acute Fish	>100 mg product/l
EC50	Acute Bacteria	>100 mg product/l

Products of Biodegradation: Readily biodegradable

11. 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.

12. TRANSPORT INFORMATION

- Not a hazardous material according to RID/ADR, GGVS/GGVE, ADNR, IMDG, ICAO-TI/IATA - DGR
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13. 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.