

PETER CREMER

NORTH AMERICA, LP

FA- PK1218D MATERIAL SAFETY DATA SHEET

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

- **Material Name:** FA- PK1218D; Palm Kernel Fatty Acids.
- **Synonyms/Trade Names:** Fatty Acid C8-C18.
- **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>
Palm Kernel Fatty Acids	101403-98-9	309-936-7	N/A

3. HAZARDS IDENTIFICATION

- **Emergency Overview:** Product is non-hazardous

4. FIRST AID MEASURES

- **Eye –** Redness, Pain. 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 –** Irritating. Wash skin with soap and water upon contact. Remove contaminated clothing. If irritation develops, seek medical attention. Wash clothing before reuse.
- **Inhalation –** Sore throat, Cough. Remove to fresh air. Get medical attention as needed.
- **Ingestion –** Sore throat, abdominal pain. Do not induce vomiting. Rinse mouth out with water and seek medical attention

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5. FIRE FIGHTING MEASURES

- **Suitable extinguishing media:** Carbon dioxide, dry chemical, foam.
- **Unsuitable extinguishing media:** Water jet.
- **Sensitivity to mechanical impact/ static discharge:** None identified.
- **Other Fire Fighting Consideration:** Wear self-contained breathing apparatus and full protective clothing.
- **Specific Hazards in the event of fire:** Combustible, keep away from open flame, no smoking.

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. Wash site with bicarbonate solution or soda ash. Wipe clean.
Dispose in compliance with Federal, State, and /or Local requirements.

7. HANDLING AND STORAGE

- **Handling:** Use gloves and wear goggles when handling.
- **Storage:** Keep in cool and dry place. Store in clean, dry, preferably stainless steel vessels. In bulk, store at about 10° 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 –** Suitable protective 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: *If undistilled* (crude): yellowish clear.
If distilled: clear liquid

Odor: Faint fatty.

Odor Threshold: Not available

pH: Not available

Vapor Density: Not available

Relative Density: Not applicable

Solubility: None (in water, g/100ml at 20 °C)

Partition Coefficient (n-Octanol/ water): Not available

Auto-ignition Temperature: >250 °C

Decomposition Temperature: Not available

Viscosity: Not available

Boiling Point: 239.7-365.2 °C @ 760mm Hg

Melting Point/ Freezing Point: 20-28 °C

Vapor Pressure @ 75 °C: <1.0 mm Hg

Flash Point (PMCC): >100° C

Evaporation Rate: Not applicable

Flammability (solid, gas): Not applicable

Upper/ Lower Flammability: Not applicable

Explosive Limits: Not applicable

Density @ 75 °C: 0.84-0.86 g/ml

Relative Molecular Mass: 144-282

10. STABILITY AND REACTIVITY

- **Reactivity:** Vapor mixes readily with air. Reacts with strong oxidants.
- **Stability:** None known.
- **Conditions to Avoid:** Extreme heat, cold or direct fire.
- **Possibility of Hazardous Reactions:** None known.
- **Materials to Avoid:** Oxidant.
- **Hazardous Decomposition Products:** None known.

11. TOXICOLOGICAL INFORMATION

- **Acute Oral Toxicity:**
LD50 Rat >10000 mg/kg
- **Skin Corrosive/ Irritation:**
Not Available
- **Serious Eye Damage/ Irritation:**
Not available
- **Respiratory or Skin Sensitization:**
Not available
- **Germ Cell Mutagenicity:**
Not available
- **Carcinogenicity:**
Not available
- **Reproductive Toxicity:**
Not available
- **STOST-single/ repeated exposure:**
Not available
- **Aspiration Hazard:**
Not available

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12. ECOLOGICAL INFORMATION

- **Aquatic Toxicity:**
Acute fish toxicity LC 50 > 100mg product/l
Acute bacteria toxicity EC 50 > 100mg product/l
- **Persistence and degradability:**
Readily biodegradable
- **Bioaccumulative Potential:**
Not available
- **Mobility in Soil:**
Not available
- **Other Adverse Effects:**
Not available

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
- **Transport Hazard Class:**
Not hazardous according to RID/ADR, GGVS/GGVE, ADN, IMDG, ICAO-TI/IATA-DGR.
- **Packing Group:**
None
- **Environmental Hazard:**
Marine pollutant: No
MARPOL Annex II: Category Y

15. ADDITIONAL REGULATORY INFORMATION

- **Classification and labeling according to GHS:**
None
- **Classification and labeling according to EC:**
None

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.