



Section 1. Product and Company Identification

**Product Name** Coconut Fatty Acid  
**CAS Number** 67701-05-7

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**New Rochelle, NY 10801**  
📞 (914) 654-6800 📠 (914) 654-6899  
🌐 [parchem.com](http://parchem.com) ✉️ [info@parchem.com](mailto:info@parchem.com)

**EMERGENCY RESPONSE NUMBER**  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

**GHS Classification**

**Physical Hazards:** Not available

**Health hazards:** May cause irritation to mucous membranes and upper respiratory tract with coughing and sore throat.

**Environmental hazards:** Not available

**GHS Label Elements**

**Pictograms:** N/A

**Signal word:** N/A

**Hazard and precautionary statements**

None

Section 3. Composition / Information on Ingredients

**Common Name** Coconut Fatty Acid  
**Synonym(s)** Fatty Acids C8-C18  
**CAS Number** 67701-05-7

Section 4. First Aid Measures

**First aid procedures**

**Inhalation:** Not applicable at ambient temperature

**Skin:** Mild, primary skin irritation with prolonged or repeated contact. Heated product may cause thermal burns if contacted

**Eye:** Accidental exposure to the eyes will cause only a mild but transient irritation

**Ingestion:** May cause sore throat, gastrointestinal irritation, and stomach pain.

Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact



physician or local poison control center.

**Notes to physician:** Not available

#### Section 5. Firefighting Measures

**Suitable extinguishing media:** Dry chemical, carbon dioxide, water spray, or regular foam

**Specific hazards arising from the chemical:** Slight fire hazard when exposed to heat or flame

**Protective equipment and precautions for firefighters:** Wear positive-pressure self-contained breathing precautions for firefighters apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves).

#### Section 6. Accidental Release Measures

**Personal precautions:** Not available

**Environmental precautions:** Not available

**Methods for containment:** Not available

**Methods for cleaning up:** Scoop or scrape up and place in suitable clean, dry containers for reclamation or later disposal. Fatty acid can be readily converted to water soluble soap by the addition of an alkali such as sodium carbonate. This dissolves the fatty acid in water allowing it to be cleaned up by hosing or flushing with water. Keep unnecessary people away.

#### Section 7. Handling and Storage

**Handling:** Observe all federal, state and local regulations when storing or disposing of this substance.

**Storage:** Store away from incompatible substances. Store in a tightly closed container.

#### Section 8. Exposure Controls / Personal Protection

**Recommended monitoring procedures:** Not available

##### Personal protective equipment

**Eye/face protection:** Splash-proof safety goggles and a face shield

**Skin protection:** Chemical-resistant clothing

**Respiratory protection:** Not available

**Hand protection:** Not available

#### Section 9. Physical and Chemical Properties

**Appearance:** Water white to yellowish

**Physical state:** Solid @ 72°F

**Color:** Not available

**Odor:** Musty, fatty



**pH:** Not available  
**Melting point/Freezing point:** Not available  
**Boiling point:** > 500°F  
**Flash point:** > 300°F  
**Evaporation rate:** Not available  
**Flammability limits in air, lower:** Not available  
**Flammability limits in air, upper:** Not available  
**Vapor pressure:** Not available  
**Vapor density:** Not available  
**Relative density:** Not available  
**Solubility:** Insoluble in organic solvents, such as alcohol and benzene  
**Octanol/H<sub>2</sub>O Coefficient:** Not available  
**Auto-ignition temperature:** Not available  
**Decomposition temperature:** Not available  
**Viscosity:** Not available  
**Specific Gravity:** Not available

#### Section 10. Stability and Reactivity

**Chemical stability:** Stable under normal temperatures and pressures  
**Possibility of hazardous reactions:** Not available  
**Conditions to avoid:** Avoid contact with incompatible substances and excessive heat  
**Materials to avoid:** Bases, reducing agents, strong oxidizers, metals  
**Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide

#### Section 11. Toxicological Information

**Acute Oral Toxicity:** Practically non-toxic. The acute oral LD<sub>50</sub> for rats is greater than 22g/kg of body weight.  
**Skin Safety:** Undiluted coconut fatty acids produced mild, primary irritation on normal skin a 24-hour occluded patch test with humans.  
**Eye Safety:** Undiluted coconut fatty acid produced mild transient eye irritation with rabbits

#### Section 12. Ecological Information

**96 hour LC<sub>50</sub> Bluegills:** 900mg/l  
**Microbiological Inhibition:** None @ 10,000 mg/l

#### Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.



Section 14. Transport Information

**DOT:** Not regulated for transport

Section 15. Regulatory Information

**US federal regulations:** Not available

**CERCLA (Superfund) reportable quantity:** None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories:** Not available

**Section 302 extremely hazardous substances:** Not available

**Section 311 hazardous chemical:** Not available

**HMIS Rating**

**Health:** 2

**Flammability:** 1

**Reactivity:** 0

**NFPA Rating**

**Health:** 2

**Flammability:** 1

**Reactivity:** 0

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 4/5/2016