



Section 1. Product and Company Identification

**Product Name** Conjugated Linoleic Acid  
**CAS Number** Mixture

**Parchem - fine & specialty chemicals**

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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**

Not classified as a hazardous substance or mixture.

Harmful if swallowed.

**Potential Health Effects:** The toxicological properties of this material have not been investigated.

Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

Section 3. Composition / Information on Ingredients

**Common Name** Conjugated Linoleic Acid

**Synonym(s)** CLA

**Formula** C<sub>18</sub>H<sub>30</sub>O<sub>2</sub>

**CAS Number** Mixture

COMPONENT	CONCENTRATION
Conjugated Linoleic Acid	60%

Section 4. First Aid Measures

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

**Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:** Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2 - 4 cups of milk or water.

**Inhalation:** Remove from exposure to fresh air immediately.



#### Section 5. Firefighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

#### Section 6. Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Clean up spills immediately, observing precautions in the Section 8. Sweep up, and then place into a suitable container for disposal.

#### Section 7. Handling and Storage

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

**Storage:** Store in a cool, dry place. Keep container closed when not in use.

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

**Engineering Controls:** Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

#### Personal Protective Equipment

**Eyes:** Wear safety glasses and chemical goggles if splashing is possible.

**Skin:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Respirators:** Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

#### Section 9. Physical and Chemical Properties

**Physical State:** Liquid oil

**Appearance:** Light yellow or cream

**Odor:** Not available.

**pH:** Not available.

**Vapor Pressure:** Not available.

**Viscosity:** Not available.

**Boiling Point:** 202°C (at 760.00mm Hg)

**Freezing/Melting Point:** 6.5°C

**Auto-ignition Temperature:** Not available.



**Flash Point:** Not available.  
**Explosion Limits, Lower:** Not available.  
**Explosion Limits, Upper:** Not available.  
**Decomposition Temperature:** N/A  
**Solubility in Water:** < 0.1% (25°C)  
**Specific Gravity/Density:** N/A  
**Molecular Formula:** C<sub>18</sub>H<sub>30</sub>O<sub>2</sub>  
**Molecular Weight:** 278.42 g/mol

Section 10. Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.  
**Conditions to Avoid:** Incompatible materials, strong oxidants.  
**Incompatibilities with Other Materials:** Strong oxidizing agents, strong reducing agents, strong bases.  
**Hazardous Decomposition Products:** Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.  
**Hazardous Polymerization:** Has not been reported.

Section 11. Toxicological Information

**LD50/LC50**  
**Mouse:** LD50 = 1330 mg/kg (Conjugated Linoleic Acid, 80%)

Section 12. Ecological Information

No data available.

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

**IATA:** Not regulated as a hazardous material.  
**IMO:** Not regulated as a hazardous material.  
**RID/ADR:** Not regulated as a hazardous material.

Section 15. Regulatory Information

No data available.



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.

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