SECTION 1: IDENTIFICATION

Product Name: Methyl Ester Cotton Seed Oil

CAS Number: CAS No. 67784-80-9

Chemical Name: Fatty Acid Methyl Ester

Synonyms: Cotton Seed Oil Methyl Ester; Biodiesel

Company
Silver Fern Chemical, Inc.
2226 Queen Anne Avenue North
Suite #C
Seattle WA 98109, USA

Business Contact
Customer Service: 206-282-3376
info@silverfernchemical.com

SECTION 2: HAZARD IDENTIFICATION

This product contains no hazardous materials.
SARA Title III, Section 313: Not Listed

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Typical Composition:

<table>
<thead>
<tr>
<th>Alkyl C14-C24 Methyl Esters</th>
<th>OSHA PEL</th>
<th>ACGH/TLV</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>none</td>
<td>none</td>
<td>99</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

Avoid inhalation or ingestion.

Avoid contact with skin and mucous membranes.

In case of inhalation, ingestion, or irritation of skin or mucous membrane, contact poison control center and seek medical attention immediately.
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METHYL ESTER COTTON SEED OIL

Skin, mouth and eyes of conscious individual may be gently rinsed with water. Soap may be used on skin. Do not use hot water in eyes. Rinse eyes for 15 minutes.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (method used): 321 °F PMCC
Flammable Limits: N/A
HMIS Rating: Health: 0  Fire: 1  Reactivity: 0
Extinguishing Media: Use water spray, dry chemical, foam or carbon dioxide.
Special Fire Fighting Procedures: Treat as oil fire.
Unusual Fire and Explosion hazards: Rags soaked with any solvent present a fire hazard and should be stored in an approved UL listed covered container.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Contain spilled material. Transfer to secure containers. Use absorbent material if necessary.

SECTION 7: HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing: Avoid open flames.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: None required
Ventilation: mechanical
Protective Gloves: Rubber
Eye Protection: Safety glasses / splash goggles
Other Protective Clothing or Equipment: None required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >400 °F
Vapor Pressure (mm Hg): <5 mm Hg @ 72 °F
Evaporation Rate: less than .005 versus (Butyl Acetate = 1)
Solubility in Water: insoluble
Appearance and Odor: light to dark yellow clear liquid / light musty odor

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable
Conditions to Avoid: Non Known
Incompatibility (materials to avoid): Strong oxidizing agents
Hazardous Decomposition or By-products: Carbon monoxide, carbon dioxide
Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

None available.

SECTION 12: ECOLOGICAL INFORMATION

None available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of according to Federal, state and/or local regulations.
Avoid open flames.

SECTION 14: TRANSPORT INFORMATION

DOT Code: N/A
DOT Shipping Name: Fatty acid esters
SILVER FERN CHEMICAL

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This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15: REGULATORY INFORMATION

Listed in TSCA inventory

SECTION 16: OTHER INFORMATION

Date Created: 7/01/2005

Date Last Updated: 7/01/2005

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