# MATERIAL SAFETY DATA SHEET

**SOYBEAN OIL**

**STE Oil Company, Inc.**
P.O. Box 1033
San Marcos, TX 78667-1033

**Rev. Date 11/16/99**

**IMPORTANT:** Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product.

**Trade Name**

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Telephone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOYBEAN OIL</td>
<td>EMERGENCY 800/424-9300 CHEMTREC</td>
</tr>
<tr>
<td>Other Names</td>
<td>CUSTOMER SERVICE 512/396-3399 MSDS/INFO</td>
</tr>
</tbody>
</table>

## I. GENERAL

### Hazardous Components (Specific Chemical Identity; Common Name(s))

- **OSHA/PEL**: 15MG/M³ (TOTAL PARTICULATE); 5MG/M³ (RESPIRABLE PARTICULATE)
- **NFPA Rating**: HEALTH - 0; FLAMMABILITY - 1; REACTIVITY - 0
- **Other Limits Recommended % (Optional)**: N/A

## II. HAZARD INGREDIENTS/IDENTITY INFORMATION

### Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>0.992 -20°C</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>-4°F = -20°C</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>GREATER THAN 1</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>NOT SOLUBLE.</td>
</tr>
<tr>
<td>Appearance and Color</td>
<td>PALE YELLOW TO BROWNISH-YELLOW LIQUID</td>
</tr>
</tbody>
</table>

## III. FIRE AND EXPLOSION HAZARD DATA

### Unusual Fire and Explosion Hazards

- EXPLOSION HAZARDS: NONE. POSSIBLE RISK OF AUTO IGNITION/SPONTANEOUS COMBUSTION UNDER HIGH TEMPERATURE/CLOSED CONDITIONS IF MATERIAL IS ABSORBED ON VARIOUS MATRICES AND OXYGEN PRESENT.

### Extinguishing Media

- DRY CHEMICAL
- FOAM OR CARBON DIOXIDE

### Special Firefighting Procedures

- CLASS B FIRE; APPLICATION OF WATER TO BURNING OIL CAN CAUSE SPLATTERING, OIL WILL FLOAT ON WATER.

### Flash Point (Method Used)

- 540° F (CLOSED UP)

### Flammable Limits

- LEL: N/A
- UEL: N/A
### V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
<th>Stable</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>X</td>
</tr>
</tbody>
</table>

**Incompatibility (Materials to Avoid)**

N/A

**Hazardous Decomposition or Byproducts**

N/A

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>Will Not Occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>X</td>
</tr>
</tbody>
</table>

### VI. HEALTH HAZARD DATA

**Health Hazards (Acute and Chronic)**

- Route(s) of Entry
  - Inhalation?
  - Skin?
  - Ingestion?
  - Health Hazards: INGESTION: NONE, MATERIAL IS A FOOD. INHALATION: UNDER MIST CONDITIONS, NO SHORT TERM INHALATION LIMITS. SKIN/EYE: FLUSH AND RINSE, PARTICULARLY FOR EYE CONTACT. NO SIGNIFICANT SKIN REACTION EXPECTED.

- Carcinogenicity
  - N/A

- NTP?
  - N/A

- IARC Monographs?
  - N/A

- OSHA Regulated?
  - N/A

**Signs and Symptoms of Exposure**

- N/A

**Medical Conditions Generally Aggravated By Exposure**

- N/A

**Emergency and First Aid Procedures**

- EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES

**Steps To Be Taken In Case Materials Released Or Spilled**

- NO SPECIFIC HAZARDS; MATERIAL IS NON-HAZARDOUS; IF IN MIST FORM AND LEVELS ARE ABOVE 15MG/M³ (TOTAL), A DUST MASK AND GOGGLES ARE RECOMMENDED.

**Waste Disposal Method**

- PHYSICALLY CLEAN UP, CHECK LOCAL LANDFILL DISPOSAL REQUIREMENTS

**Precautions To Be Taken In Handling And Storing**

- NO SPECIAL REQUIREMENTS

**Other Precautions**

- SOILED RAGS OR ABSORBENT MATERIALS SHOULD NOT BE KEPT UNDER HIGH TEMPERATURE, CLOSED CONDITIONS IN THE PRESENCE OF OXYGEN.

### VII. PRECAUTIONS FOR SAFE HANDLING AND USE

**Respiratory Protection (Specify Type)**

- N/A

**Ventilation**

- N/A

**Local Exhaust**

- UNDER EXTREME MIST CONDITIONS ONLY

**Special**

- N/A

**Mechanical (General)**

- N/A

**Other**

- N/A

**Protective Gloves**

- N/A

**Eye Protection**

- SAFETY GLASSES

**Other Protective Clothing or Equipment**

- NONE

**Work/Hygienic Practices**

- N/A