### SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

<table>
<thead>
<tr>
<th>COMPONENTS - Chemical Name &amp; Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)</th>
<th>%*</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OTHER LIMITS RECOMMENDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates (Mineral Oil)</td>
<td>&lt;90</td>
<td>5mg/m3</td>
<td>5mg/m3</td>
<td>STEL 10 mg/m3</td>
</tr>
<tr>
<td>Proprietary emulsifier</td>
<td>&lt;10</td>
<td>N.A.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium petroleum sulfonate</td>
<td>&lt;10</td>
<td>N.A.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hazardous Ingredients</td>
<td>bal.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

- Boiling Pt: N.D.
- Specific Gravity (H2O = 1): 0.9
- Vapor Pressure (mm): Nil
- Melting Pt: N.A.
- Vapor Density (Air=1): >1
- Evaporation Rate (water =1): Nil
- Solubility in Water: Emulsifies
- Water Reactive: No

**Appearance and Odor:** Transparent amber oily liquid.

### SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

- **Flash Point & Method Used:** 320 ° F (COC)
- **Flammability Limits in Air, % by Volume:** LEL N.D. UEL N.D.
- **Extinguisher Media:** Foam, dry chemical or CO2 preferred
- **Special Fire Fighting Procedures:**
  - Wear self contained breathing apparatus. Avoid use of solid water streams.
  - Water spray may be used to cool containers.
- **Unusual Fire and Explosion Hazards:**
  - Do not mix or store with strong oxidants. Keep away from open flames.
  - Product boils and foams excessively when heated above 200° F.
SECTION 4 - REACTIVITY HAZARD DATA

<table>
<thead>
<tr>
<th>STABILITY</th>
<th>X Stable</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
<th>N.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incompatibility (Materials to Avoid)</td>
<td>Do not mix with strong oxidants</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazardous</td>
<td>Oxides of: carbon, nitrogen, sodium, and sulfur.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition Products</td>
<td>Will not occur</td>
<td>Conditions to Avoid</td>
<td>N.A.</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 5 - HEALTH HAZARD DATA

<table>
<thead>
<tr>
<th>PRIMARY ROUTES OF ENTRY</th>
<th>X Eye</th>
<th>Skin</th>
<th>Inhalation</th>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH HAZARDS</td>
<td>CARCINOGENICITY</td>
<td>Not listed in NTP, OSHA, or IARC Monographs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Direct contact with oil concentrate may cause eye irritation, redness, tearing. Prolonged or repeated skin contact may cause mild skin irritation, oil acne, folliculitis, possibly dermatitis in sensitive individuals. Oil mist may irritate respiratory tract. Inhalation of excessive amounts may cause central nervous system effects such as dizziness, nausea, headache. Aspiration of oil into lungs may lead to chemical pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Medical Conditions May aggravate pre-existing eye, skin, respiratory disorders.

Generally Aggravated by Exposure

EMERGENCY FIRST AID PROCEDURES Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact Flush with clear water, seek medical attention if condition persists.

Skin Contact Wash with soap & water. Do not wear oil soaked clothing. If redness or irritation develops, consult a physician.

Inhalation Remove to fresh air. Seek medical attention. Observe PEL of 5mg/M3 mist.

Ingestion Call a physician. Do not induce vomiting.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection Normally not needed unless oil mist is present

(Specify Type)

Protective Gloves Oil/Chemical resistant Eye Protection Safety Glasses

VENTILATION TO BE USED Local Exhaust X Mechanical (General) Special

Other Protective Clothing and Equipment As necessary to prevent prolonged skin contact.

Hygienic Work Practices Follow good industrial hygiene practices.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken If Material is Spilled Or Released Recover free liquid, add absorbent to spill area.

Waste Disposal Dispose of in accordance with all applicable federal, state, and local regulations.

Precautions to be Taken in Handling and Storage Store away from direct heat source.

Other Precautions and/or Special Hazards None known

HMIS Rating Health 1 Flammability 1 Reactivity 0 Personal Protection B