**IDENTITY AND MANUFACTURER'S INFORMATION**

| NFPA Rating: | Health-2; Flammability-3; Reactivity-0; Special— |
| DOT Hazard Classification: | Flammable Liquid, 3 |
| Human Health & Fire Fighting | |

**Precautions To Be Taken In Handling & Storage:**
- Avoid contact with skin, eyes, clothing and respiratory tract.
- Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.
- Other Protective Clothing & Equipment: None
- Hygienic Work Practices: Wash with soap and water before handling food.

**SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

**COMPONENTS-CHEMICAL NAMES AND COMMON NAMES**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>SARA III LIST</th>
<th>OSHA PEL (ppm)</th>
<th>ACGIH TLV (ppm)</th>
<th>Carcinogen Ref. Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane</td>
<td>142-82-5</td>
<td>No</td>
<td>500</td>
<td>400</td>
<td>d</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>No</td>
<td>100</td>
<td>750</td>
<td>d</td>
</tr>
</tbody>
</table>

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>120-150°F</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.76</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>None</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Clear liquid with Solvent Ketone Odour</td>
</tr>
</tbody>
</table>

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

- **Flammability** as per USA FLAME PROJECTION TEST (aerosol): N/A
- Auto Ignition Temperature: N/E
- Flammability Limits in Air by % in Volume:
  - % LEL: N/E
  - % UEL: N/E
- Flash Point and Method: N/A

**SECTION 4 - REACTIVITY HAZARD DATA**

- **HAZARDOUS POLYMERIZATION:** [ ] WILL [ x ] WILL NOT OCCUR
- **Incompatibility (Mat. to avoid):** Strong oxidizing agents.
- **Conditions to Avoid:** Open flame, welding arcs, heat, sparks.
- **Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide.

**SECTION 5 - HEALTH HAZARD DATA**

**ACUTE EFFECTS**

- **Inhalation:** Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.
- **Eye Contact:** Slight irritation.
- **Skin Contact:** Slight irritation due to defatting of skin.
- **Ingestion:** Possible chemical pneumonitis if aspirated into lungs.

**CHRONIC EFFECTS:** (Effects due to excessive exposure to the raw materials of this mixture) Excessive inhalation of solvent can result in respiratory & pulmonary effects.

**Medical Conditions Generally Aggravated by Exposure:** May aggravate existing eye, skin, or upper respiratory conditions.

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

- **Respiratory Protection (specify type):** If vapor concentration exceeds TLV, use respirator approved by NIOSH approved for organic vapor.
- **Protective Gloves:** Neoprene
- **Eye Protection:** Safety glasses recommended.
- **Ventilation Requirements:** Adequate ventilation to keep vapor concentration below TLV.
- **Other Protective Clothing & Equipment:** None
- **Hygienic Work Practices:** Wash with soap and water before handling food.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken If Material Is Spilled Or Released:** Extinguish all ignition sources. Use positive pressure fresh air mask. Dike area & pump to an intact container.

**Waste Disposal Methods:** Incinerate or landfill according to local, state or federal regulations.

**Precautions To Be Taken In Handling & Storage:** Store in a cool dry place away from heat and ignition sources.

**NFPA Rating:** Health-2; Flammability-3; Reactivity-0; Special—

**DOT Classification:** Flammable Liquid, 3