**SECTION II: COMPONENT AND REGULATORY INFORMATION**

<table>
<thead>
<tr>
<th>COMPONENTS &amp; (REGULATORY LISTS)</th>
<th>CAS REG. NO.</th>
<th>OSBA PEL.</th>
<th>ACGIH PLV</th>
<th>% WT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>N/A</td>
<td>N/A</td>
<td>60-100</td>
</tr>
<tr>
<td>Denatured Ethanol</td>
<td>84-17-5</td>
<td>(TWA) 1000 ppm</td>
<td>(TWA) 1000 ppm</td>
<td>15-40</td>
</tr>
<tr>
<td><strong>Ethylene Glycol (C)</strong></td>
<td>107-21-1</td>
<td>N/A</td>
<td>(TWA) 50 ppm</td>
<td>7-13</td>
</tr>
<tr>
<td>Polyethylene Glycol 400</td>
<td>25322-68-3</td>
<td>N/A</td>
<td>N/A</td>
<td>7-13</td>
</tr>
</tbody>
</table>

* CEILING VALUE (TWA) – TIME WEIGHTED AVERAGE / N/A – NOT APPLICABLE

**REGULATORY LISTS FOR APPLICABLE COMPONENTS**

- A – CERCLA HAZARDOUS SUBSTANCE LIST
- B – SARA TITLE III EXTREMELY HAZARDOUS SUBSTANCE LIST (SECTION 302)
- C – SARA TITLE III TOXIC CHEMICAL LIST (SECTION 313)
- D – CALIFORNIA (PROP. 65) LIST OF CANCER CAUSING SUBSTANCES
- E – RESOURCE CONSERVATION AND RECOVERY ACT HAZARDOUS WASTE LIST

**SECTION III: PHYSICAL DATA**

- PH: 5.4
- SPECIFIC GRAVITY: 0.87
- BOILING POINT: Approx. 185 F.
- VOLATILITY: 60-100
- APPEARANCE AND ODOR: Clear, slightly cloudy solution, alcohol odor.
- SOLUBILITY IN WATER: Completely soluble.
- EVAPORATION RATE: Not Available
- VAPOR PRESSURE: Not Available
- VAPOR DENSITY: Not Available

**SECTION IV: FIRE AND EXPLOSION DATA**

- FLASH POINT (METHOD USED): 80.6 F (Closed Cup Method)
- FLAMMABLE LIMTS – LEL: 4.3 UEL: 19
- EXTINGUISHING MEDIA: Water or carbon dioxide.
- SPECIAL FIREFIGHTING PROCEDURES: Evacuate personnel to a safe area. Firefighters should wear self-contained breathing apparatus.
- UNUSUAL FIRE HAZARDS: Product susceptible to ignition.

**SECTION V: REACTIVITY**

- STABILITY: Stable
- CONDITIONS TO AVOID: None
- INCOMPATIBILITY (AVOID): None
- HAZARDOUS DECOMPOSITION PRODUCTS: None
- POLYMERIZATION: Does not polymerize
- CONDITIONS TO AVOID: None

**SECTION VI: SPILL AND DISPOSAL INFORMATION**

- **SPILLS**
  Use appropriate protective equipment. Dike the spill and soak up with absorbent material. Prevent liquid from entering sewers or waterways.
- **WASTE DISPOSAL**
  Discharge to sewer requires the approval of permitting authority and may require pretreatment. Incineration requires a permitted incinerator. Landfill disposal requires a permitted landfill. Treatment, storage, transportation, and disposal must be in accordance with Federal, State, and Local Regulations.
SECTION VII: HEALTH HAZARD AND FIRST AID INFORMATION

EXPOSURE EFFECTS:
EYE CONTACT: Eye discomfort with possible transient conjunctivitis. Serious corneal injury not anticipated. Minor irritation also possible.
SKIN CONTACT: No adverse effects from available information either through contact or absorption.

INGESTION: Abdominal discomfort or pain, dizziness, nausea, vomiting, decreased reaction, euphoria, lumbar pain, oliguria, central nervous system depression, and coma possible.
INHALATION: Mists may irritate the nose and throat. High vapor concentrations caused by heating in a poorly ventilated area may produce nausea, vomiting, headache, and dizziness.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No medical conditions known to be aggravated by exposure to this product.
CARCINOGENICITY: None of the chemicals used in this product are listed on NTP, IARC, or OSHA listings of carcinogens.

FIRST AID:
EYE: Flush the eyes thoroughly with water. Obtain medical attention.
SKIN: Remove contaminated clothing and flush the exposed area with water.

INGESTION: If conscious, give 2 glasses of water. Do not induce vomiting. Obtain prompt medical attention.
INHALATION: Remove to fresh air. If discomfort persists contact a physician.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use a NIOSH approved cartridge respirator in poorly ventilated areas.
VENTILATION RECOMMENDED: 10 room volumes per hour is adequate ventilation under normal conditions.
PROTECTIVE EQUIPMENT RECOMMENDED: Chemical splash goggles, latex or neoprene gloves, lab coat, and eye wash station.

SECTION IX: SPECIAL PRECAUTIONS

STORAGE AND HANDLING PRECAUTIONS: Store in a well ventilated area. Keep container tightly capped when not in use. Do not store food, drink, or tobacco in areas where contamination could occur with this product.
OTHER PRECAUTIONS: Avoid breathing vapors or mists. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Do not take internally. Keep out of reach of children.

SECTION X: NEPA RATING

HEALTH - 2 FLAMMABILITY - 2 REACTIVITY - 0

SECTION XI: DOT INFORMATION

DOT SHIPPING NAME: Ethyl Alcohol Solution
HAZARD CLASS: Flammable Liquid
ID #: UN 1170

7/11/90