HAZARD STATEMENT:

**PRODUCT NAME:** Disinfectant Cleaner (CONCENTRATE)

**PRODUCT TYPE:** Liquid Disinfectant

CLASSIFICATION OF SUBSTANCE/MIXTURE:

<table>
<thead>
<tr>
<th>Flammable liquids</th>
<th>Acute Toxicity Oral</th>
<th>Acute Toxicity Inhalation</th>
<th>Skin Corrosion</th>
<th>Serious Eye Damage</th>
<th>Target Organ Toxicity - Single Exposure</th>
<th>Hazardous to the aquatic environment</th>
<th>Hazardous to the aquatic environment, long-term hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**RESPONSE:**

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Store in well-ventilated, cool atmosphere. Protect material from direct sunlight. Do not store near water or food. Do NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN.

**HANDLING:** Wear proper personal protective equipment. Avoid prolonged exposure. Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

**SECTION II – HAZARDS IDENTIFICATION**

**PRODUCT NAME:** Disinfectant Cleaner (CONCENTRATE)

**PRODUCT TYPE:** Liquid Disinfectant

**COMPONENTS:**

- Alkyl dimethyl benzyl ammonium chloride (C12-16)
- Octyl decyl dimethyl ammonium chloride
- Didecyl dimethyl ammonium chloride
- Ethanol

**INGREDIENT:**

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NUMBER</th>
<th>PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride (C12-16)</td>
<td>68424-85-1</td>
<td>N/A</td>
</tr>
<tr>
<td>Alcohol ethoxylate</td>
<td>Proprietary</td>
<td>N/A</td>
</tr>
<tr>
<td>Octyl decyl dimethyl ammonium chloride</td>
<td>32426-11-2</td>
<td>N/A</td>
</tr>
<tr>
<td>Didecyl dimethyl ammonium chloride</td>
<td>7173-51-5</td>
<td>N/A</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>1900 mg/m³ PEL, TWA</td>
</tr>
<tr>
<td>Dioctyl/dimethylammonium chloride</td>
<td>5538-94-3</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS**

**SECTION IV – FIRST AID**

**BREATHING (INHALATION):** If this product is inhaled, get immediate medical attention!

**SWALLOWING (INGESTION):** DO NOT INDUCE VOMITING! Drink a large quantity of water, followed by either milk or a minimum of 2 teaspoons of milk of magnesium. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

**EYES:** Immediately flush with water for at least 15 minutes. Remove contact lenses if present and easy to do – continue rinsing. Get immediate medical attention!

**SKIN (DERMAL):** Rinse completely from hands, face and clothing. Flush skin with fresh water for at least 15 minutes. Get immediate medical attention!

**NOTE TO PHYSICIAN:** Ensure the medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**SECTION V – FIRE FIGHTING MWSAURES**

**FLASHPOINT:** 112 degrees F

**EXTINGUISHING MEDIA:** Water fog. Dry chemical powder. Carbon dioxide (CO2).

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA with a plastic hood window.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Do not use water jet, as this will spread the fire.

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**SPILL PROCEDURES:** Bikes to prevent spillage into streams or sewer systems. Eliminate all ignition sources. Wear proper PPE while conducting spill operations. Consult local, state and federal authorities.

**WASTE DISPOSAL:** As recommended by local, state and federal authorities.

**SECTION VII – HANDLING & STORAGE**

**STORAGE:** Do not handle, store or open near an open flame, sources of heat or sources of ignition. Store in well-ventilated, cool, atmosphere. Protect material from direct sunlight. Do not store near water or food. Do NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN.

**HANDLING:** Wear proper personal protective equipment. Avoid prolonged exposure. Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

**SECTION VII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:** If necessary, use an OSHA approved respirator for acid gases.

**PROTECTIVE CLOTHING:** Nil, vinyl or neoprene gloves. Splash goggles and face shield. Protective overgarments and boots.

**ADDITIONAL MEASURES:** Under normal use according to label instructions, special protection should not be necessary. Wear eye protection if product is likely to splash. Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

**SECTION VIII – PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE & ODOR:** Green liquid, with a pleasant odor. ODOR THRESHOLD: N/A

**PH:** 7.65

**MELTING POINT:** N/A

**FREEZING POINT:** N/A

**BOILING POINT RANGE:** N/A

**FLASHPOINT:** 112 degrees F

**EVAPORATION RATE:** N/A

**EXPLOSION LIMITS:** N/A

**VAPOR PRESSURE:** N/A

**VAPOR DENSITY (AR=1):** N/A

**SPECIFIC GRAVITY:** 0.94

**SOLUBILITY IN WATER:** Completely soluble.

**PARTITION COEFFICIENT:** N/A

**AUTO-IGNITION TEMPERATURE:** N/A

**DECOMPOSITION TEMPERATURE:** N/A

**NFPA HEALTH:** 0

**NFPA FLAMMABILITY:** 0

**NFPA REACTIVITY:** 0

**NFPA OTHER:** N/A

**ADDITIONAL:** The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe – read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

**CLASSIFICATION:**

- Very toxic to aquatic life with long lasting effects
- Readily biodegradable

**ENVIRONMENTAL FATE AND DISTRIBUTION:** Very toxic to aquatic life with long lasting effects. Readily biodegradable.

**SECTION XII – ECOLOGICAL INFORMATION**

**WASTE DISPOSAL:** As recommended by local, state and federal authorities. Pesticide wastes are acutely hazardous.

**SECTION XIV – TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Flammable liquid, Corrosive, N.O.S. (Ethanol, Quaternary Ammonium Chloride)

**HAZARD CLASS:** 8

**UNNA NUMBER:** UN 2924

**PACKAGING GROUP:** III

**SECTION XV – REGULATORY INFORMATION**

**US - California Proposition 65**

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - CRT:** Listed date/Carcinogenic substance 1.4-dioxane (CAS 123-91-1) Listed: January 1, 1988

Acrylamide (CAS 79-07-0) Listed: April 1, 1988

**US - California Proposition 65 - CRT:** Listed date/Developmental toxic Methanol (CAS 67-56-1) Listed: March 16, 2012

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

**SECTION XVI – OTHER INFORMATION**

**NFP A HEALTH:** 3

**NFP A FLAMMABILITY:** 2

**NFP A REACTIVITY:** 0

**NFP A OTHER:** N/A