**SAFETY DATA SHEET**

**WAXIE SANITARY SUPPLY**

This Safety Data Sheet (SDS) complies with the requirements of the U.S. Federal Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200, as updated in 2012) and equivalent state Standards. It has also been developed in accordance with the United Nations Globally Harmonized System of Classification of Chemicals (GHS) and the Canadian Workplace Hazardous Materials Information System (WHMIS). Refer to Section 16 of this document for the definition of terms and abbreviations.

### SECTION 1: IDENTIFICATION

#### 1.1 PRODUCT IDENTIFIER
- **ITEM NUMBER(S):** 170401, 170455
- **PRODUCT NAME:** 710 Multi-Purpose Disinfectant Cleaner
  - 3 L: 170401
  - 55 GL: 170455

#### 1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE
- **RECOMMENDED USE:** Disinfection of surfaces, equipment.
- **IDENTIFIED USERS:** For sale to, use and storage by service persons only.

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
- **MANUFACTURER/SUPPLIER:** Waxie’s Enterprises, Inc.
- **ADDRESS:** 9353 Waxie Way, San Diego, CA 92123-1036
- **BUSINESS PHONE:** 1-800-995-4466
- **EMERGENCY PHONE:** 1-800-255-3924 (CHEMTEL; 24 hours)

#### 1.4 OTHER PERTINENT INFORMATION
- This product is intended to be used only after dilution. The relevant hazard and safety data are specified for both the **Product as SOLD** and **Product at USE DILUTION**, where appropriate.
- **EPA registration #** 1839-167-14994.

### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

<table>
<thead>
<tr>
<th>OSHA/HCS Status</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classification of the</td>
<td>Acute Toxicity, Oral (Category 4), Acute Toxicity, Dermal (Category 4); Skin Irritation (Category 2); Eye Irritation (Category 2A)</td>
<td>Acute Toxicity (Oral, Category 5) Eye Damage/Irritation (Category 2B)</td>
</tr>
<tr>
<td>Substance or Mixture</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 2.2 LABEL ELEMENTS:

**ELEMENT**
- **Hazard Pictograms**
  - ![Exclamation Mark]
  - WARNING.
- **Signal Word**
- **Hazard Statements**
  - Harmful if swallowed or in contact with skin. Causes skin irritation. Causes serious eye irritation.
  - WARNING. May be harmful if swallowed. Causes eye irritation.
SECTION 2: HAZARDS IDENTIFICATION (Continued)

2.2 LABEL ELEMENTS (Continued):

<table>
<thead>
<tr>
<th>ELEMENT</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Response</td>
<td>IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. Take off contaminated clothing and wash before reuse.</td>
<td>Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.</td>
</tr>
<tr>
<td>Storage</td>
<td>Not established; follow guidelines in section 7.</td>
<td>Not established; follow guidelines in section 7.</td>
</tr>
<tr>
<td>Disposal</td>
<td>Dispose of contents/container in accordance with local/ regional/ national/ international regulations.</td>
<td>Not established; follow guidelines in section 13.</td>
</tr>
</tbody>
</table>

2.3 OTHER PERTINENT DATA ON CHEMICAL AND PHYSICAL HAZARDS:

- **Aquatic Toxicity:** Aquatic toxicity - Acute (Category 3); Aquatic toxicity - Chronic (Category 3). Harmful to aquatic life with long-lasting effects. Avoid release to the environment.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES/MIXTURES

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>CAS NUMBER</th>
<th>GHS HAZARD CLASSIFICATION FOR CHEMICAL</th>
<th>% (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides</td>
<td>68424-85-1</td>
<td>Acute toxicity, Oral (Category 4); Skin corrosion (Category 1B); Serious eye damage (Category 1)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Octyl decyl dimethyl ammonium chloride.</td>
<td>68424-95-3</td>
<td>Acute toxicity, Oral (Category 4); Skin corrosion (Category 1B); Serious eye damage (Category 1)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride</td>
<td>5538-94-3</td>
<td>Acute toxicity, Oral (Category 4); Skin corrosion (Category 1B)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride</td>
<td>7173-51-5</td>
<td>Acute toxicity, Oral (Category 3); Skin corrosion (Category 1B); Serious eye damage (Category 1); Acute aquatic toxicity (Category 1); Chronic aquatic toxicity (Category 2)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>Flammable liquids (Category 2); Acute toxicity, Oral (Category 4); Specific target organ toxicity - single exposure (Category 1); Acute aquatic toxicity (Category 2); Chronic aquatic toxicity (Category 2)</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

Water and other components less than 1% in concentration within this solution. The remaining components of this product are not classified as hazardous in their existing concentrations. Balance

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1 The exact percentage of composition has been withheld as a trade secret. All relevant physical and health hazards have been declared, in accordance with regulatory requirements.
SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

- ACUTE HEALTH EFFECTS:
  - AREA EXPOSED
    - Eye Contact: Flush with copious amounts of water for 15 minutes. “Roll” eyes during flush. Seek medical attention if irritation persists.
    - Skin Contact: Flush area with warm, running water for several minutes. Seek medical attention if irritation persists.
    - Inhalation: Obtain fresh air.
    - Ingestion: If conscious only: Rinse mouth with water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

The following information is for both Product AS SOLD and Product at USE DILUTION.

- GENERAL INFORMATION: For all exposures: In case of accident, or if you feel unwell, seek medical advice immediately. Take this document and a copy of the label to the healthcare professional.

- RECOMMENDATIONS TO PHYSICIANS: Treat symptomatically.

- MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: None reported.

SECTION 5: FIREFIGHTING MEASURES

Unless stated, information in this section is for both Product AS SOLD and Product at USE DILUTION.

5.1 EXTINGUISHING MEDIA

- RECOMMENDED FIRE EXTINGUISHING MEDIA: Water Spray, Water Jet, Dry Powder, Foam, Carbon Dioxide, or any other.

- UNSUITABLE FIRE EXTINGUISHING MEDIA: None known.
SECTION 5: FIREFIGHTING MEASURES (Continued)

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- **NFPA FLAMMABILITY CLASSIFICATION:**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA Rating</td>
<td>2-0</td>
<td>0-0</td>
</tr>
<tr>
<td>NFPA Classification</td>
<td>Not flammable.</td>
<td>Not flammable.</td>
</tr>
</tbody>
</table>

- **UNUSUAL HAZARDS IN FIRE SITUATIONS:**

<table>
<thead>
<tr>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decomposition</td>
<td>Generates carbon dioxide, carbon monoxide, hydrogen chloride, ammonia, and nitrogen oxides.</td>
</tr>
<tr>
<td>Explosion Sensitivity to Mechanical Impact</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Explosion Sensitivity to Static Discharge</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

5.3 ADVICE FOR FIREFIGHTERS

- Self-Contained Breathing Apparatus and full protective equipment for fire response should be worn in any situation. Move containers from fire area if it can be done without risk to personnel. Otherwise, use water spray to keep fire-exposed containers cool. Because this is product is a cleaning agent, any equipment that comes in contact with this solution can be rinsed thoroughly with water and then returned to service.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Unless stated, information in this section is for both **Product as SOLD** and **Product at USE DILUTION**.

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

- **RESPONSE TO INCIDENTAL RELEASES:** Personnel who have received basic chemical safety training can generally handle small-scale releases. Gloves and safety glasses must be worn when cleaning-up spills. Use caution during clean-up; contaminated floors and items may be slippery.

- **RESPONSE TO NON-INCIDENTAL RELEASES:** Generally, releases of this product will be no larger than the loss of one shipment of material. Subsequently, personnel can follow the instructions for incidental releases. As needed, respond to non-incidental chemical releases of this product (such as the simultaneous destruction of several pallets of this product) by clearing the impacted area and contacting appropriate emergency personnel. In the event that over 5 gallons of this material has spilled, safety goggles with face-shield and air-purifying respirator with High Efficiency Particulate Filter should be worn.

- **RESPONSE PROCEDURES FOR ANY RELEASE:** Absorb spilled liquid with polypads or other suitable absorbent materials. Rinse area thoroughly. Because this product is a disinfectant, all items that come in contact with the solution can be returned to service after rinsing.

6.2 ENVIRONMENTAL PRECAUTIONS

- Avoid response actions that can cause a release of a significant amount of product (more than 4 gallons) into the environment. Avoid accidental dispersal of spilled material into soil, waterways and sewers.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

- **SPILL RESPONSE EQUIPMENT:** Polypad or other absorbent material.

6.4 REFERENCES TO OTHER SECTIONS

- **SECTION 8:** For exposure levels and detailed personal protective equipment recommendations.
- **SECTION 13:** For waste handling guidelines.
SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hygiene Practices</td>
<td>Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of mists and sprays. Use in well-ventilated area. Avoid contact with skin or eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.</td>
<td>Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of mists and sprays. Use in well-ventilated area. Avoid contact with skin or eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.</td>
</tr>
<tr>
<td>Handling Practices</td>
<td>Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use. Avoid conditions that create static electrical discharge.</td>
<td>Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use. Avoid conditions that create static electrical discharge.</td>
</tr>
</tbody>
</table>

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

<table>
<thead>
<tr>
<th>Storage Practices</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hygiene Practices</td>
<td>Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of mists and sprays. Use in well-ventilated area. Avoid contact with skin or eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.</td>
<td>Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of mists and sprays. Use in well-ventilated area. Avoid contact with skin or eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.</td>
</tr>
<tr>
<td>Handling Practices</td>
<td>Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use. Avoid conditions that create static electrical discharge.</td>
<td>Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use. Avoid conditions that create static electrical discharge.</td>
</tr>
<tr>
<td>Incompatibilities</td>
<td>See Section 10 (Stability and Reactivity).</td>
<td>See Section 10 (Stability and Reactivity).</td>
</tr>
</tbody>
</table>

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

- **AIRBORNE EXPOSURE LIMITS:**

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>STEL: 1000 ppm</td>
<td>TWA = 1000 ppm</td>
<td>TWA =1000 ppm</td>
<td>IDLH = 3300 ppm CA TWA = 1000 ppm</td>
</tr>
</tbody>
</table>

- **BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS:** Not established.

8.2 EXPOSURE CONTROLS

<table>
<thead>
<tr>
<th>Engineering Controls</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hygiene Practices</td>
<td>Use in well-ventilated environment.</td>
<td>Use in well-ventilated environment.</td>
</tr>
<tr>
<td>Handling Practices</td>
<td>None needed in normal circumstances of use.</td>
<td>None needed in normal circumstances of use.</td>
</tr>
<tr>
<td>Hand Protection</td>
<td>Neoprene or nitrile gloves are recommended. Ensure gloves are intact prior to use.</td>
<td>Standard chemical-resistant gloves used in janitorial work are recommended. Safety glasses. Standard protection used in janitorial service. Rubber apron should be added if splashes/sprays could occur.</td>
</tr>
<tr>
<td>Eye Protection</td>
<td>Safety glasses.</td>
<td>Safety glasses.</td>
</tr>
<tr>
<td>Body Protection</td>
<td>Standard protection used in janitorial service. If splashes or sprays can occur, a rubber apron should be used. Rubber apron should be added if splashes/sprays could occur.</td>
<td>Standard protection used in janitorial service. Rubber apron should be added if splashes/sprays could occur.</td>
</tr>
</tbody>
</table>
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

8.3 PERSONAL PROTECTION SYMBOLS

<table>
<thead>
<tr>
<th>Hand Protection</th>
<th>Product as SOLD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Product at USE DILUTION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eye/Face Protection</th>
<th>If splashes/sprays can occur</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Body Protection</th>
</tr>
</thead>
</table>

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellow liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus odor.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH</td>
<td>6.0-8.0</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>No data.</td>
</tr>
<tr>
<td>Initial Boiling Point/Boiling Range</td>
<td>&gt;100°C (210 °F)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation Rate (Water = 1)</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper/Lower Explosive Limits</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative Density (Density)</td>
<td>No data available.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Completely soluble in water.</td>
</tr>
<tr>
<td>Partition Coefficient/n-octanol/water</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

9.2 OTHER INFORMATION

- VOC (less water & exempt): < 51 G/L.
- WEIGHT% VOC: <5.1%.

SECTION 10: STABILITY AND REACTIVITY

Unless stated, information in this section is for both Product as SOLD and Product at USE DILUTION.

10.1 REACTIVITY

- Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

- Normally stable under standard temperatures and pressures.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- This product is not self-reactive, water-reactive, or air-reactive.
- This product will not undergo hazardous polymerization.

10.4 CONDITIONS TO AVOID

- Avoid contact with incompatible chemicals.
SECTION 10: STABILITY AND REACTIVITY (Continued)

10.5 INCOMPATIBLE MATERIALS
• Strong oxidizing agents, reducing agents, strong acids, strong bases, aluminum, soft metals, water reactive materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS
• Products of thermal decomposition include oxides of carbon (i.e., carbon monoxide and carbon dioxide), hydrogen chloride, ammonia, and nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Unless stated, information in this section is for both Product as SOLD and Product at USE DILUTION.

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

• ACUTE TOXICITY:
  o PRODUCT TOXICITY DATA:
    ▪ Acute Toxicity Estimate (Oral): 300-2000 mg/kg
    ▪ Acute Toxicity Estimate (Dermal): 1000 - 2000 mg/kg
    ▪ Acute Toxicity Estimate (Inhalation) > 20 mg/L (Vapors)
  
  o COMPONENT TOXICITY DATA: The following data are available for components of this product.

    QUATERNARY AMMONIUM COMPOUNDS, BENZYL-(C12-16-ALKYL)DIMETHYL, CHLORIDES
    LD50 (Oral, Rat) = 426 mg/kg
    ETHANOL
    LD50 (Oral, Rat) = 7060 mg/kg
    LD50 (Dermal, Rat) > 2000 mg/kg

  o DEGREE OF IRRITATION: See Section 4 (First Aid Measures) for more details. The following data are available for components of this product:

    1-DECANAMINUM, N-DECYL-N,N-DIMETHYL-, CHLORIDE
    LD50 (Oral, Rat) = 84 mg/kg
    LD50 (Dermal, Rat) > 2000 mg/kg

  o SENSITIZATION: The components of this product are not reported to have skin or respiratory sensitization effects.

  o REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE: See Section 2 (Hazards Information) and Section 4 (First Aid Measures) for additional details.

    Eyes Very irritating the eyes.
    Skin Irritating to the skin. Harmful if in contact with skin.
    Inhalation May cause mild respiratory tract irritation if mists are inhaled.
    Ingestion Harmful if swallowed. Causes gastrointestinal system irritation and other adverse effects.

  CHRONIC TOXICITY:
  o CARCINOGENICITY STATUS: No component is listed as a carcinogen by IARC, NTP or OSHA.
  o REPRODUCTIVE TOXICITY INFORMATION: The components of this product are not reported to cause reproductive effects under typical circumstances of exposure.
  o MUTAGENIC EFFECTS: The components of this product are not reported to cause mutagenic effects under typical circumstances of exposure.
  o SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Not applicable.
  o SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Not applicable.
  o ASPIRATION HAZARD: Not applicable.

  OTHER INFORMATION:
  o TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known.
  o ADDITIONAL TOXICOLOGY: Not applicable.
SECTION 12: ECOLOGICAL INFORMATION

Unless stated, information in this section is for both Product as SOLD and Product at USE DILUTION.

12.1 TOXICITY

- Based on available data, this product may be harmful or fatal to contaminated terrestrial or aquatic plants or animals, depending on the volume released into the environment.
- This product is classified as Aquatic toxicity - Acute (Category 3); Aquatic toxicity - Chronic (Category 3). Harmful to aquatic life with long-lasting effects.
- The following aquatic toxicity data are available for components of this product.

  QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES
  LC50 (Morone saxatilis): fry, 14100. µg/L/96 hours

  1-DECANAMINIMUM, N-DECYL-N,N-DIMETHYL-, CHLORIDE
  LC50 (Brachydanio rerio): 0.49 mg/L - 96 hours
  EC50 (Daphnia magna): 0.094 mg/L - 48 hours

12.2 PERSISTENCE AND DEGRADABILITY

- When released into the soil, the components of this product are expected to biodegrade, dissipate in soils via oxidation, or otherwise chemically degrade or photo-decompose via solar radiation. The following data are available for components of this product:
  - 1-DECANAMINIUM, N-DECYL-N,N-DIMETHYL-, CHLORIDE: Aerobic - Exposure time 28 days; Result: 69 % - Readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

- This product is not anticipated to bioaccumulate significantly.

12.4 MOBILITY IN SOIL

- It is to be expected this product will have some mobility in soil.

12.5 OTHER ADVERSE EFFECTS

- None reported.

SECTION 13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS

- **Product as SOLD**
  Dispose of in accordance with local, State and Federal regulations.

- **Product at USE DILUTION**
  Dispose of unused product in accordance with local, State and Federal regulations.

13.2 DISPOSAL CONSIDERATIONS

- EPA RCRA WASTE CODE: Not applicable.

SECTION 14: TRANSPORT INFORMATION

Information in this section is for Product as SOLD.

14.1 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

- **DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS SHIPPING REGULATIONS:**

<table>
<thead>
<tr>
<th>UN/NA Number</th>
<th>Proper Shipping Name</th>
<th>Packing Group</th>
<th>Hazard Class</th>
<th>Label</th>
<th>North American Emergency Response Guide #</th>
<th>Marine Pollutant Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOT APPLICABLE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- IATA DESIGNATION: Not regulated as dangerous goods by the International Air Transport Association.
- IMO DESIGNATION: Not regulated as dangerous goods by the International Maritime Organization.

14.2 ENVIRONMENTAL HAZARDS

- None described, as related to transportation.
SECTION 14: TRANSPORT INFORMATION (Continued)

14.3 SPECIAL PRECAUTIONS FOR USERS
• Not applicable.

14.4 TRANSPORT IN BULK
• Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT
Unless stated, information in this section is for both Product as SOLD and Product at USE DILUTION.

• OTHER IMPORTANT U.S. REGULATIONS
  o U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21): Eye Damage/Irritation; Skin Corrosion/Irritation; Acute Toxicity.
  o U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.
  o U.S. SARA 313: No component is subject to the reporting requirements.
  o U.S. TSCA INVENTORY STATUS: All components of this product are listed on the TSCA Inventory.
  o CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS: Not applicable.

• INTERNATIONAL REGULATIONS
  o CANADIAN REGULATORY STATUS: The product is classified as hazardous under Hazardous Products Regulations (SOR-2015-17). Refer to Section 2 for classification and hazard information.
  o CANADIAN DSL/NDSL INVENTORY STATUS: The listed components of this product are on the DSL/NDSL Inventory.
  o CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITY SUBSTANCES LISTS: The components of this product are not on the CEPA Priority Substances Lists.

SECTION 16: OTHER INFORMATION

16.1 INDICATION OF CHANGE
• DATE OF REVISION: March 3, 2020
• SUPERCEDES: August 27, 2019
• CHANGE INDICATED: New flammability data and a reassessment of hazard classification.

16.2 KEY LITERATURE REFERENCES AND SOURCES FOR DATA
• SAFETY DATA SHEETS FOR COMPONENT PRODUCTS.

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

<table>
<thead>
<tr>
<th></th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Health</td>
<td>Health</td>
</tr>
<tr>
<td>Flammability</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Protective</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Equipment</td>
<td>2/C</td>
<td>B/C</td>
</tr>
<tr>
<td></td>
<td>Occupational Use situations:</td>
<td>Occupational Use situations:</td>
</tr>
<tr>
<td></td>
<td>B - Safety glasses and gloves.</td>
<td>B - Safety glasses and gloves.</td>
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<tr>
<td></td>
<td>C: Rubber Apron should be added if splashes/sprays are anticipated.</td>
<td>C: Rubber Apron should be added if splashes/sprays are anticipated.</td>
</tr>
</tbody>
</table>
SECTION 16: OTHER INFORMATION

16.4 DISCLAIMER
WAXIE Sanitary Supply makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user’s responsibility to determine the safety, toxicity and suitability of their own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by WAXIE Sanitary Supply as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does WAXIE Sanitary Supply assume any liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. WAXIE Sanitary Supply does not recommend blending this product with any other chemicals. All information, recommendations and data contained herein concerning this product are based upon information available at the time of writing from recognized technical sources.

16.5 ABBREVIATIONS AND ACRONYMS
SECTION 3: CAS Number: Chemical Abstract Service Number, which is used by the American Chemical Society to uniquely identify a chemical.
SECTION 5: NFPA: National Fire Protection Association. NFPA FLAMMABILITY CLASSIFICATION: The NFPA uses the flash point (FL.P.) and boiling point (BP) to classify flammable or combustible liquids. Class IA: FL.P. below 73°F and BP below 100°F. Class IB: FL.P. below 73°F and BP at or above 100°F. Class IIC: FL.P. at or above 73°F and BP at or above 100°F. Class II: FL.P. and BP at or above 100°F and below 140°F. Class IIIA: FL.P. and BP at or above 140°F and below 200°F. Class IIIB: FL.P. and BP at or above 200°F.
NFPA HAZARDOUS MATERIALS RATING: This is a rating system used to summarize physical and health hazards to firefighters. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.
SECTION 8: NE: Not established. ACGIH: American Conference of Government Industrial Hygienists; TWA: Time-Weighted Average (over an 8-hour work day); STEL: Short-Term Exposure Limit (15-minute average, no more than 4-times daily and each exposure separated by one-hour minimally); C: Ceiling Limit (concentration not to be exceeded in a work environment); PEL: Permissible Exposure Limit. NIOSH: National Institute of Occupational Safety and Health; REL: Recommended Exposure Limit; IDLH: Immediately Dangerous to Life and Health Concentrations. Note: In July 1992, a court ruling vacated the more protective PELs set by OSHA in 1989. Because OSHA may enforce the more protective levels under the “general duty clause”, both the current and vacated levels are presented in this document. ppm: Parts per Million. mg/g: Milligrams per cubic meter. ppmv: Parts per Million Volume. mppcm: Millions of Particles per Cubic Foot. BEI: Biological Exposure Index. CA: California State. Table AC-1 Permissible Exposure Limits for Chemical Contaminants.
SECTION 9: pH: Scale (0 to 14) used to rate the acidity or alkalinity of aqueous solutions. For example, a pH value of 0 indicates a strongly acidic solution, pH of 7 indicates a neutral solution, and a pH value of 14 indicates an extremely basic solution. FLASH POINT: Temperature at which a liquid generates enough flammable vapors so that ignition may occur. AUTOIGNITION TEMPERATURE: Temperature at which spontaneous ignition occurs.

SECTION 9 (Continued): LOWER EXPLOSIVE LIMIT (LEL): The minimal concentration of flammable vapors in air which will sustain ignition. UPPER EXPLOSIVE LIMIT (UEL): The maximum concentration of flammable vapors in air which will sustain ignition. #: Approximately symbol. VOC: Volatile Organic Compound.
REPRODUCTIVE TOXICITY INFORMATION: Mutagen: Substance capable of causing chromosomal damage to cells. Embryotoxin: Substance capable of damaging the developing embryo in an overexposed female. Teratogen: Substance capable of damaging the developing fetus in an overexposed female. Reproductive toxin: Substance capable of adversely affecting male or female reproductive organs or functions. TOXICOLOGY DATA: LDxx or LCxx: The Lethal Dose or Lethal Concentration of a substance which will cause fatal to a given percentage (xx) of exposed test animals by the designate route of administration. This value is used to assess the toxicity of chemical substances to humans. TDxx or TCxx: The Toxic Dose or Toxic Concentration of a substance which will cause an adverse effect to a given percentage (xx) of exposed test animals by the designate route of administration.
SECTION 12: EC50: Effect Concentration (on 50% of study group); BOD: Biological Oxygen Demand.
SECTION 13: RCRA: Resource Conservation and Recovery Act. The regulations promulgated under this Act are found in 40 CFR, Sections 260 ff, and define the requirements of hazardous waste generation, transport, treatment, storage, and disposal. EPA RCRA Waste Codes: Defined in 40 CFR Section 261.
SECTION 15: CERCLA: Comprehensive Environmental Response Compensation and Liability Act (a.k.a. “Superfund”) and SARA: (Superfund Amendment and Reauthorization Act). The regulations promulgated under this Act are located under 40 CFR 300 ff. and provide “community right-to-know” requirements. TSCA: Toxic Substances Control Act: Rules regulating the manufacture and sale of chemicals found in 40 CFR 700-776. DSL/NDSL: Canadian Domestic Substances and Non-Domestic Substances Lists.
SECTION 16: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATING: This is a rating system used by industry to summarize physical and health hazards to chemical users and was originally developed by the National Paint and Coating Association. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.