Material Safety Data Sheet


SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Company Name, Address: Fuller Commercial Products - One Fuller Way - Great Bend, KS 67530

Product Name: Fulsan II
Chemical Family: Germicidal Detergent
Product Number: 947
Package Size: 1,5 & 55G; 3.8L

EPA Reg. No: 10324-93-62511
Emergency Telephone No. (620) 792-1711
Preparer: R McPherson
Date: 12/18/12

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components

<table>
<thead>
<tr>
<th>CAS#</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>7732-18-5</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride, C12-18</td>
<td>68391-01-5</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Alkyl dimethyl ethyl benzyl ammonium chloride, C12-14</td>
<td>68956-79-6</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Physical State: NA
Flammable Gas: x
Flammable Liquid/Solid: NA
Flammable Aerosol: NA
Explosive: NA
Unstable - Reactive: NA
Water Reactive: NA
Oxidizer: NA
Organic Peroxide: NA

Boiling Point, °F: NA
Solubility in Water: Complete
Evaporation Rate: NA
Vapor Pressure: NA
Specific Gravity (water = 1): 1.039
pH: 12.0
Vapor Density: N/A
% Volatiles by Weight: NA
Appearance and Odor: Clear, blue liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): >200F
Extinguishing Media: Dry Chemical, Foam, Carbon Dioxide or Water

Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Products of combustion may include fumes and gases of an irritant and toxic nature.

SECTION V - REACTIVITY DATA

Stability: Unstable
Conditions to Avoid: Keep away from heat and strong oxidizing agents
Incompatibility: Strong oxidizing and reducing agents
(Materials to Avoid)
Hazardous Decomposition
Products or Byproducts: Carbon monoxide, Carbon Dioxide and Hydrogen Chloride vapors
Hazardous Polymerization: May Occur: [ ] Will Not Occur: [x]
Conditions to Avoid: N/A

Comments:
*Added to comply with the Pennsylvania Worker Right to Know Act of 1984 & the New Jersey Worker & Community Right to Know Act of 1983.

Volatile Organic Compounds (VOC's)=<1%
### SECTION VI - HEALTH HAZARD DATA

<table>
<thead>
<tr>
<th>Route(s) of entry:</th>
<th>Inhalation</th>
<th>Skin</th>
<th>Eye</th>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Health Hazard</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Toxic</td>
<td>Reproductive toxin</td>
<td>Irritant</td>
<td>x</td>
<td>Sensitizer</td>
</tr>
<tr>
<td>Highly Toxic</td>
<td>Corrosive</td>
<td></td>
<td></td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

**TARGET ORGANS**

- Lungs
- Heart
- Kidney
- Eyes
- Skin
- Blood
- Liver
- Central Nervous System
- Cardiovascular System
- Teratogen
- Mucous Membranes
- Autonomic Nervous System
- Respiratory System

**Carcinogenicity:** None Known

**NTP:** IARC: OSHA Regulated

**Medical Conditions Generally Aggravated by Exposure:**

None known

**Signs and Symptoms of Exposure:**

Causes irreversible eye damage and skin burns. Redness, soreness of eyes or skin; Harmful or fatal if swallowed.

**Emergency and First Aid Procedures:**

- If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If on skin rinse skin immediately with plenty of water. If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be taken in case material is released or spilled:**

- Small Spill: Mop up, rinse with water. Large Spill: Use inert absorbent and place in a container for disposal.

**Waste Disposal Method:**

Dispose in accordance with Local, State and Federal Regulations

**Potential EPA Hazardous Waste Code(s):** N/A

**Steps to be taken in handling and storage:**

Store upright in original container. Store at 40 - 90°F. Read and follow label use directions. Keep out of reach of children.

### SECTION VIII - CONTROL MEASURES

**Respiratory Protection (Specify Type):**

None required

**Ventilation:**

- Local Exhaust: Recommended
- Mechanical: None required

**Protective Gloves:** Recommended

**Eye Protection:** Recommended

**Other Protective Clothing and Equipment:**

Protective apron or coveralls

### SECTION IX - SHIPPING INFORMATION

**DOT Proper Shipping Name and Number:**

1 Gallon - Limited Quantity; Over one gallon UN1903, Disinfectant, liquid, corrosive, n.o.s. (Quaternary Ammonium Chloride), 8, PGIII, ERG 153

**NE = Not Established**

**N/D Not-Determinable**

**N/A = Not Applicable**