Safety Data Sheet
BISM No Rinse Disinfectant

01 Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>BISM No Rinse Disinfectant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Use</td>
<td>Disinfectant /Sanitizer</td>
</tr>
<tr>
<td>Product Code</td>
<td>3507</td>
</tr>
<tr>
<td>For Medical Emergency</td>
<td>Call 'Chemtrec’ 1-800-424-9300</td>
</tr>
<tr>
<td>Manufactured for</td>
<td>Blind Industries and Services of Maryland 3345 Washington Blvd., Baltimore MD 21227</td>
</tr>
</tbody>
</table>

This product is a registered pesticide. EPA No. 1839-86-84179

02 Hazards Identification

GHS Classification:
1. Skin - Category 1
2. Eyes - Category 1

Signal Word: Danger

Hazard Statement: Corrosive to the eyes, skin, gastrointestinal tract and respiratory system.

Precautionary Statements: Wear protective gloves, splash goggles, face shield and protective clothing. Wash thoroughly after handling.

Acute Effects

Eyes: Causes burns and may result in permanent injury to eyes including blindness.

Skin: Causes corrosive burns. Brief exposures may cause irritation and defatting of the skin. Exposures not promptly washed off may lead to toxic effects similar to ingestion. Harmful if absorbed through the skin.

Inhalation: Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, and drowsiness.

Ingestion: Although relatively low in toxicity, ingestion can cause gastrointestinal irritation, swelling of the larynx, difficulty in breathing, circulatory shock, convulsions and possibly death.

Chronic Effects

Carcinogenicity: No known critical effects or critical hazards.

Product /Ingredient Name: Not available.

03 Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Name of Hazardous Ingredients</th>
<th>CAS No.</th>
<th>WT.%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkyl Dimethyl Benzyl Ammonium Chloride (C12-18)</td>
<td>68391-01-5</td>
<td>4-6</td>
</tr>
<tr>
<td>Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-14)</td>
<td>85409-23-0</td>
<td>4-6</td>
</tr>
</tbody>
</table>

04 First Aid Measures

Eye Contact: Check for and remove any contact lenses. Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention at once.

Skin Contact: Wash skin with copious amounts of water. If symptoms persist seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Drink copious amounts of water. Seek medical attention immediately.

05 Fire Fighting Measures

Suitable Fire Extinguishing Media: Use water spray, fog or foam, CO₂

Specific Hazards Arising from the Chemical: In a fire or if heated, irritating and toxic gases or fumes may be released.

Hazardous Thermal Decomposition Products: No Specific Data

Specific Fire-Fighting Methods: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Specific Protective Equipment for Fire-Fighters: Fire-Fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

06 Accidental Release Measures

Spill Clean Up: Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move Containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
### Handling and Storage

**Handling:** Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container. Wash thoroughly after handling.

**Storage:** Store between the following temperatures: 4.44 to 48.9°C (40 to 120°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

### Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Personal Protective Equipment (PPE)**

**Eyes:** Safety glasses, face shield, splash goggles.

**Skin:** Use synthetic apron, other protective equipment as necessary to prevent skin contact.

**Body:** For prolonged or repeated handling, use gloves. Nitrile gloves. Rubber gloves. Neoprene gloves.

**Respiratory:** Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

### Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Clear liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Deep Red</td>
</tr>
<tr>
<td>Odor</td>
<td>Organic</td>
</tr>
<tr>
<td>pH</td>
<td>6.0-8.0</td>
</tr>
<tr>
<td>Flash point</td>
<td>None</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate (butyl acetate = 1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.98 (Water = 1)</td>
</tr>
<tr>
<td>Solubility</td>
<td>Easily soluble in the following materials: cold water and hot water</td>
</tr>
<tr>
<td>Partition coefficient n-octano/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Kinematic (room temperature): &lt; 10 (CPS)</td>
</tr>
</tbody>
</table>

### Stability and Reactivity

**Stability:** The product is stable.

**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid:** Keep away from heat and strong oxidizing agents.

**Materials to avoid:** Strong oxidizers, reducing agents.

**Hazardous decomposition products:** Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.
11 Toxicological Information

Product /Ingredient Name
Alkyl Dimethyl Benzyl Ammonium Chloride (C12-18)
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-14)

Result
LD50 Oral
LD50 Oral

Species
Rat
Rat

Dose
> 2500 mg/kg
> 2500 mg/kg

12 Ecological Information

N/A

13 Disposal Considerations

Waste Information
Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

14 Transport Information

Regulatory Information

DOT Classification
UN1903
disinfectant liquid corrosive, n.o.s. (quaternary ammonium compound)

UN Number

Proper Shipping Name
disinfectant liquid corrosive, n.o.s. (quaternary ammonium compound)

Classes
III

PG*
Packing Group

Note: DOT classification applies to most package sizes. For specific container size classifications or size exceptions, refer to the bill of lading with your shipment.

15 Regulatory Information

U.S. Federal Regulations

TSCA 8(b) inventory: All components are listed or exempted.
SARA 302/304/311/312 extremely hazardous substances: No listed substance
SARA 302/304 emergency planning and notification: No listed substance

16 Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date of Issue: 02/13/2017

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.