Safety Data Sheet
BISM Metal Safe

01 Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>BISM Metal Safe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Use</td>
<td>Solid Machine Dish Detergent</td>
</tr>
<tr>
<td>Product Code</td>
<td>3894</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>

02 Hazards Identification

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

Signal Word: Warning

Hazard Statement: Causes skin irritation, causes serious eye damage.

Precautionary Statements: Wear protective gloves and eye protection. Wash thoroughly after handling.

Acute Effects

Eyes: Causes serious eye damage.

Skin: Causes skin irritation.

Inhalation: May cause irritation to respiratory tract.

Ingestion: May be irritating to the mouth, throat and gastrointestinal system. Symptoms may include nausea, vomiting, diarrhea and cramps.

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>Sodium Tripolyphosphate</td>
<td>7758-29-4</td>
<td>15-25</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>10-20</td>
</tr>
<tr>
<td>Sodium Silicate</td>
<td>1344-09-8</td>
<td>10-15</td>
</tr>
<tr>
<td>Polycrylic Acid, Sodium Salt</td>
<td>68479-09-4</td>
<td>1-5</td>
</tr>
<tr>
<td>Alcohols, C6-10, Ethoxylated Propoxylated</td>
<td>68987-81-5</td>
<td>1-5</td>
</tr>
</tbody>
</table>

04 First Aid Measures

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: Wash with plenty of water for at least 15 minutes. Get medical attention if symptoms persists or develops.

Inhalation: Remove to fresh air. Get medical attention if symptoms occur.

Ingestion: Do not induce vomiting. Drink copious amounts of water. Get medical attention if symptoms occur.

05 Fire Fighting Measures

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

Specific Hazards Arising from the Chemical: Not flammable or combustible.

Hazardous Thermal Decomposition Products: Carbon oxides, phosphorus oxides, hydrogen.

Specific Fire-Fighting Methods: None

Specific Protective Equipment for Fire-Fighters: None

06 Accidental Release Measures

Spill Clean Up: Move Containers from spill area. Collect spilled material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
**Physical State**

- **Color**: Blue
- **Odor**: Bland
- **pH**: 10.0-10.5 (1% solution)
- **Flash point**: None
- **Explosion limits**: Not available
- **Flammability (solid, gas)**: Not available
- **Melting point**: Not available
- **Boiling point**: Not available
- **Evaporation rate (butyl acetate = 1)**: Not available
- **Vapor pressure**: Not available
- **Vapor density**: Not available
- **Relative density**: 98 lb./ft³
- **Solubility**: Easily soluble in the following materials: hot water
- **Partition coefficient n-octano/water**: Not available
- **Auto-ignition temperature**: Not available
- **Decomposition temperature**: Not available
- **Odor threshold**: Not available
- **Viscosity**: Not available

**Stability**: The product is stable.

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

**Conditions to avoid**: Heat, flames, ignition sources.

**Materials to avoid**: Strong acids, alkali sensitive metals.

**Hazardous decomposition products**: Under normal conditions of storage and use, hazardous decomposition should not be produced.
### Toxicological Information

<table>
<thead>
<tr>
<th>Product /Ingredient Name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>3120 mg/kg</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>4090 mg/kg</td>
</tr>
<tr>
<td>Sodium Silicate</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>1153 mg/kg</td>
</tr>
<tr>
<td>Polyacrylic Acid, Sodium Salt</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Alcohols, C6-10, Ethoxylated Propoxylated</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>2000-5000 mg/kg</td>
</tr>
</tbody>
</table>

### Ecological Information

N/A

### 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.

### Transport Information

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>UN Number</th>
<th>Proper Shipping Name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Classification</td>
<td>not regulated</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**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.

**PG*: Packing Group

### 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

<table>
<thead>
<tr>
<th>SARA 313</th>
<th>Product name</th>
<th>CAS number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form R-Reporting requirements</td>
<td>No listed substance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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

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*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.