Safety Data Sheet
BISM TKO

01 Chemical Product and Company Identification

Product Name: BISM TKO
Product Use: Laundry Detergent
Product Code: 3001
For Medical Emergency: Call ‘Chemtrec’ 1-800-424-9300
Manufactured for: Blind Industries and Services of Maryland
            3345 Washington Blvd., Baltimore MD 21227

02 Hazards Identification

GHS Classification:
1. Skin - Category 1B
2. Eyes - Category 2B
Signal Word: Warning
Hazard Statement: May cause skin irritation.
Precautionary Statements: Wear protective gloves, splash goggles and protective clothing. Wash thoroughly after handling.

Acute Effects
Eyes: Eye irritant. May cause redness or swelling.
Skin: Slight skin irritant.
Inhalation: No known acute effects resulting from inhalation.
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

Name of Hazardous Ingredients | CAS No. | WT. %
--- | --- | ---
Sodium Dodecylbenzenesulfonate | 25155-30-0 | 10
Sodium Xylene Sulfonate | 1300-72-7 | 4
Silicic Acid, sodium salt | 1344-09-8 | 2

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 if symptoms persist.
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
Specific Hazards Arising from the Chemical: In a fire or if heated, a pressure increase will occur and the container may burst.
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: 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.

Ingredient Name | Exposure Limits
--- | ---
N/A | N/A

Personal Protective Equipment (PPE)

Eyes: Safety glasses.


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

Physical State | Color | Odor | pH | Flash point | Explosion limits | Flammability (solid, gas) | Melting point | Boiling point | Evaporation rate (butyl acetate = 1) | Vapor pressure | Vapor density | Relative density | Solubility | Partition coefficient n-octano/water | Auto-ignition temperature | Decomposition temperature | Odor threshold | Viscosity
Clear liquid | Blue | Mild, pleasant | 11.0-11.6 (100%) | > 100°C | Not available | Not available | Not available | Not available | Not available | Not available | Not available | 1.08 (Water = 1) | Easily soluble in the following materials: cold water and hot water | Not available | Not available | Not available | Kinematic (room temperature): 80-120 cSt (CPS)

Stability: The product is stable.

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

Conditions to avoid: No specific data.

Materials to avoid: Strong oxidizers, strong acids.

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

<table>
<thead>
<tr>
<th>Product /Ingredient Name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Dodecylbenzenesulfonate</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>438 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>Nonylphenol Ethoxylate</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>4960-3980 mg/kg</td>
<td>-</td>
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<tr>
<td>Sodium Xylene Sulfonate</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>2500 mg/kg</td>
<td>-</td>
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<tr>
<td>Silicic Acid, sodium salt</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>1960 mg/kg</td>
<td>-</td>
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</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

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**

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

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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

- **SARA 313**
  - **Form R-Reporting requirements**
    - 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 MSDSs 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.