

Safety Data Sheet

BISM Solid Rinse

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01 Chemical Product and Company Identification

Product Name BISM Solid Rinse
Product Use Machine Rinse Additive
Product Code 3955
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 2
2. Eyes - Category 2

GHS Label Element:



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: Health injuries are not known or expected under normal use.

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.%
Urea Prills	57-13-6	20-40
Polyethylene Glycol	025322-68-3	15-30
Methyloxirane	9003-11-6	10-30
Alcohols, C6-10 Ethoxylated Propoxylated	68967-81-5	5-15

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, nitrogen oxides, sulfur oxides.

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.

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07 Handling and Storage

Handling: Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. 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. Do not store in unlabeled containers. Keep out of the reach of children.

08 Exposure Controls/ Personal Protection

Ingredient Name

Polyethylene Glycol
Urea

Exposure Limits

AIHA WEEL 10 mg/m³, form-dust
OSHA PEL - TWA-5 mg/m³, form-dust

Personal Protective Equipment (PPE)

Eyes: Safety glasses, splash goggles.

Skin: Wear appropriate protective clothing to prevent skin contact. Wear apron or overall if there is a risk of exposure to spills.

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.

09 Physical and Chemical Properties

Physical State

Cast Solid

Color

Deep Blue

Odor

None

pH

7.0 (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

Density

Not available

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

10 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: None known.

Materials to avoid: None known.

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

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11 Toxicological Information

Product /Ingredient Name	Result	Species	Dose
Urea Prills	LD50 Oral	Rat	2000-5000 mg/kg
Polyethylene Glycol	LD50 Oral	Rat	3115 mg/kg
Methyloxirane	LD50 Oral	Rat	>2000 mg/kg
Alcohols, C6-10 Ethoxylated Propoxylated	LD50 Oral	Rat	2000-5000 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	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification	not regulated	-	-	-	-

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

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	Product name	CAS number	Concentration
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.

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*Hazard Determination System (HDS):

Health	2
Reactivity	0
Flammability	0

*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.