



COLUMBUS CHEMICAL INDUSTRIES INC.

P.O. BOX 8
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Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)
Sodium Bisulfate

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code
Columbus Chemical Industries, Inc.
N4335 Temkin Road
Columbus, WI 53925-0008

Emergency Telephone Number
CHEMTREC 1 (800) 424-9300
Telephone Number for Information
1 (920) 623-2140
Date Prepared
12-08-2005
Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Table with 6 columns: Hazardous Components (Specific Chemical Identity, Common Name(s)), CAS #, OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Row 1: Sodium Bisulfate, 7681-38-1, Not established, Not established, Not established.

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (Decomposes), Specific Gravity (H2O = 1) (Not Available); Vapor Pressure (mm Hg) (Not Applicable), Melting Point (58 °C (137 °F)); Vapor Density (AIR = 1) (Not Available), Evaporation Rate (Butyl Acetate = 1) (Not Applicable).

Solubility in Water

Soluble

Appearance and Odor

White granular solid.

Section IV Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used), Flammable Limits, LEL, UEL. Row 1: Nonflammable, Not applicable, Not applicable.

Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH/MSHA-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards

May produce toxic fumes under fire conditions.

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		

Incompatibility Materials to Avoid

None known to CCI

Hazardous Decomposition or Byproducts

Carbon oxides, sodium oxides, sulfur oxides.

Hazardous Polymerization**Conditions to Avoid**

	May Occur		Not available.
	Will Not Occur	X	

Section VI Health Hazard Data**Routes of Entry****Inhalation ?****Skin ?****Ingestion ?**

	Yes		Yes
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Health Hazards (Acute and Chronic)

SKIN: May cause irritation of skin. EYE: May causes eye irritation. INHALATION: May be harmful if inhaled. Material may cause irritation to the mucous membranes and upper respiratory tract. INGESTION: May be harmful if swallowed.

Carcinogenicity**NTP****IARC Monographs****OSHA REGULATED?**

	Not Listed	Not Listed	Not Listed
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Signs and Symptoms of Exposure.

EYES: Redness, pain, tearing, conjunctivitis. SKIN: Redness, swelling, pain, itchiness, rash. INGESTION: Gastrointestinal pain, burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

Medical Conditions Generally Aggravated by Exposure

Unknown to CCI.

Emergency and First Aid Procedures

EYES: immediately flush with large amounts of water for at least 15 minutes. SKIN: remove contaminated clothing, wash area with soap and water. Get medical assistance if irritation persists. INHALATION: Seek medical attention if breathing is difficult. INGESTION: Do not induce vomiting. Contact a physician.

Section VII Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled**

Evacuate area. Wear chemical-resistant goggles, apron and rubber gloves.

Absorb on suitable material, place in container and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method Dispose of material in accordance with all applicable Federal, state, and local regulations.

Precautions to be Taken in Handling and Storing

Store in a cool, dry, well-ventilated area in tightly-closed, plainly-labelled containers. Store in a resistant area. Protect against moisture, physical damage and light. Maintain adequate ventilation. Wash thoroughly after handling. Do not ingest or breathe vapors.

Other Precautions Containers, even when empty, will retain residue. Always obey hazard warnings and handle empty containers as if they were full.

Section VII Control Measures

Respiratory Protection (Specify Type) Not required

Ventilation	Local Exhaust	Recommended.	Special	Eye wash nearby.
	Mechanical (General)	Not required	Other	Safety shower nearby.

Protective Gloves Appropriate chemical-resistant gloves. **Eye Protection** Chemical safety goggles

Other Protective Clothing or Equipment Lab coat or apron.

Work /Hygienic Practices Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work area. Avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

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