



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 Azide

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

N4335 Temkin Rd

Columbus, WI 53925-0008

Emergency Telephone Number

CHEMTREC 1-800-424-9300

Telephone Number for Information

920-623-2140

Date Prepared

03-17-2006

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 Azide*, 26628-22-8, 0.1 mg/m3, 0.29 mg/m3, 0.1mg/m3(HN3), % (optional). Row 2: Vacated '89, Ceiling, Ceiling Skin.

*Subject to SARA Section 313 Reporting Requirements.

Section III - Physical/Chemical Characteristics

Table with 2 columns: Property, Value. Boiling Point: Not available; Specific Gravity (H2O = 1): Not Available; Vapor Pressure (mm Hg) @20°C: 0.008 mmHg; Melting Point: 275°C(527°F); Vapor Density (AIR = 1): Not available; Evaporation Rate (Butyl Acetate = 1): Not available.

Solubility in Water

Soluble in cold water

Appearance and Odor

Colorless to white solid

Section IV Fire and Explosion Hazard Data

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

Extinguishing Media

Use water spray, dry chemical, or carbon dioxide to extinguish supporting 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

Explosive decomposition is possible above the melting point.

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	Heat.
	Stable	X		

Incompatibility Materials to Avoid

Acids, metals, water, barium carbonate, sulfuric acid, strong nitric acid, chromyl chloride, carbon disulfide, bromine.

Hazardous Decomposition or Byproducts

Sodium oxides, Nitrogen oxides. Forms explosive compounds with some metals and chemicals.

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	Yes

Health Hazards (Acute and Chronic)

EYES/SKIN: May cause irritation or blistering. INHALATION: Causes irritation of the mucous membranes and upper respiratory tract. INGESTION: May cause digestive tract irritation. Severe overexposure may cause death.

Carcinogenicity	NTP	IARC Monographs	OSHA REGULATED?
	Not Listed	Not Listed	Not Listed

Signs and Symptoms of Exposure.

Irritation, especially to mucous membranes of eyes and upper respiratory tract. Coughing, shortness of breath, edema. Itching, redness, staining, swelling of

exposed tissues. Ingestion may cause gastrointestinal pain, cramps, diarrhea, headache, nausea, vomiting,

Medical Conditions Generally Aggravated by Exposure

Expected to aggravate asthma, emphysema, other respiratory diseases and existing

dermatitis.

Emergency and First Aid Procedures INGESTION: Wash out mouth with water provided person is conscious. Get medical attention immediately. INHALATION: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. SKIN: Flush with water for at least 15 minutes. Remove contaminated clothing; call a physician. EYES: Flush with large amounts of water for at least 15 minutes, lifting lower and upper eyelids.

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

Evacuate unprotected personnel from area. Ventilate area. Wear approved respirator or SCBA, rubber boots, protective gloves and chemical safety goggles. Sweep carefully to avoid airborne dusting. Place in a clean container. Collect and hold for disposal. Wash spill area when complete.

Waste Disposal Method Dispose of spillage, empty containers, and other materials used for clean up in accordance with all 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 corrosion-resistant container. Protect against moisture, physical damage and light. Maintain adequate ventilation. Wash thoroughly after handling. Do not ingest or breathe vapors. Protect exposed tissues.

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

Section VII Control Measures

Respiratory Protection (Specify Type) NIOSH/ MSHA-approved respirator with dust/mist cartridges.

Ventilation	Local Exhaust	Required	Special	Eye wash nearby.
	Mechanical (General)	Recommended.	Other	Safety shower nearby.

Protective Gloves Appropriate chemical-resistant gloves. **Eye Protection** Chemical Safety Goggles

Other Protective Clothing or Equipment Rubber apron, boots. Full rubber acid suit. Faceshield.

Work /Hygienic Practices Do NOT wear contact lenses. Wash thoroughly after handling. Avoid eye and skin contact.

Do not breathe vapors. Follow safe handling and laboratory practices. Wash hands prior to eating or smoking.

Avoid prolonged or repeated contact. POISON!

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