



COLUMBUS CHEMICAL INDUSTRIES INC.

P.O. BOX 8
COLUMBUS, WISCONSIN 53925-0008
(920) 623-2140
FAX (920) 623-2577

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)

Chloride Standard, 0.5mg/mL Cl (NaCl 0.0141N)

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

05-09-2007

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 Chloride, 7647-14-5, Not established, Not established, Not established, <1%

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (Not available), Specific Gravity (H2O = 1) (1.0), Vapor Pressure (mm Hg) (Not available), Melting Point (Not available), Vapor Density (AIR = 1) (Not available), Evaporation Rate (Butyl Acetate = 1) (Not available)

Solubility in Water

Complete.

Appearance and Odor

Clear, colorless, odorless liquid.

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	Incompatibles.
	Stable	X		

Incompatibility Materials to Avoid

Lithium, potassium metal, sodium metal, boron trifluoride.

Hazardous Decomposition or Byproducts

When heated to above 801 °C (1474 °F), it emits toxic fumes of chloride and sodium oxide.

Hazardous Polymerization**Conditions to Avoid**

	May Occur		N/A
	Will Not Occur		

Section VI Health Hazard Data

Routes of Entry	Inhalation ?	Skin ?	Ingestion ?
	Yes	No	Yes

Health Hazards (Acute and Chronic)

Contact with skin or eyes may cause slight irritation. Inhalation may cause slight irritation of upper respiratory tract.

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

Signs and Symptoms of Exposure.

Contact with skin or eyes may cause burning, itching or redness. Inhalation may cause coughing or sneezing.

INGESTION: May cause nausea, vomiting or diarrhea.

Medical Conditions Generally Aggravated by Exposure

Unknown.

Emergency and First Aid Procedures CALL A PHYSICIAN. INGESTION: Do not induce vomiting; if conscious, give water, milk, or milk of magnesia. SKIN/EYES: Immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician.

Section VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled Mop up affected area. Rinse area with water.

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

Precautions to be Taken in Handling and Storing Keep in tightly-closed, plainly-labelled containers. Store in a cool, dry, corrosion-resistant and ventilated area. Protect against physical damage and light. Protect exposed tissues. Do not ingest or breathe vapors. Avoid below 0 °C (32 °F) and above 37.8 °C (100 °F).

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

Section VIII Control Measures

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

Ventilation	Local Exhaust	<u>Recommended.</u>	Special	<u>Eye wash nearby.</u>
	Mechanical (General)	<u>Recommended.</u>	Other	<u>Safety shower nearby.</u>

Protective Gloves Chemical resistant gloves. **Eye Protection** Chemical safety goggles

Other Protective Clothing or Equipment Lab coat or apron.

Work /Hygienic Practices Wash exposed area thoroughly after handling. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.