



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)

Silver Nitrate, 0.0171N

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

Emergency Telephone Number

CHEMTREC 1-800-424-9300

Telephone Number for Information

(920) 623-2140

Date Prepared

04-07-2005

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: Silver Nitrate\*, 7761-88-8, N/A, 10ug(Ag) / m³, ---, <1%

\*Subject to the reporting requirements of SARA Title III Section 313.

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (Not Available, 1.0029), Vapor Pressure (mm Hg) (Not Available, Not Available), Vapor Density (AIR = 1) (Not Available, Not Available)

Solubility in Water

Complete (in all proportions)

Appearance and Odor

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

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards

Toxic gases of nitrogen oxides may be produced.

**Section V Reactivity Data**

Stability	Unstable		Conditions to Avoid	Light, incompatibles
	Stable	X		

**Incompatibility Materials to Avoid**

combustible materials, bromine trifluoride and trichloride, magnesium, phosphine, strong reducing agents.

**Hazardous Decomposition or Byproducts**

Oxides of nitrogen

**Hazardous Polymerization****Conditions to Avoid**

	May Occur		Not Available
	Will Not Occur	X	

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

	No	Yes	Yes
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**Health Hazards (Acute and Chronic)**

INGESTION: May cause gastrointestinal discomfort. EYE CONTACT: May cause eye irritation.

SKIN: May cause skin irritation. LD<sub>50</sub> orl-mus 50 mg/kg Ag LD<sub>50</sub> ipr-mus 22 mg/kg Ag

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

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

Contact with skin or eyes may cause irritation, itching, redness, burning. Ingestion may cause gastrointestinal pain,

nausea and vomiting.

**Medical Conditions Generally Aggravated by Exposure**

Unknown to CCI

**Emergency and First Aid Procedures**

**EYES:** In case of contact, immediately flush with large amounts of water for at least 15

**INGESTION:** Get medical attention. Induce vomiting, if conscious. Keep victim warm and calm. **SKIN:** Wash with soap

and water. **INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing

give oxygen. Call physician.

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

Stop leak if you can do so without risk. Use water spray to reduce vapors. Take up

with sand or other non-combustible absorbent material and place into container for later disposal. Flush spill

area with water.

**Waste Disposal Method** Dispose in accordance with all applicable federal, state and local regulations.

**Precautions to be Taken in Handling and Storing**

Keep container tightly closed. Suitable for any general chemical storage area. Keep

container out of light.

**Other Precautions**

Do not get in eyes, on clothing. Use with adequate ventilation. 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 approved dust/mist respirator if airborne concentration is high.

**Ventilation**

**Local Exhaust** Recommended

**Special** Eye-wash station nearby.

**Mechanical (General)** Recommended

**Other** Safety shower nearby.

**Protective Gloves** Appropriate chemical resistant gloves

**Eye Protection** safety goggles

**Other Protective Clothing or Equipment** Uniform or apron to prevent contact.

**Work /Hygienic Practices** Wash exposed areas thoroughly after handling. Wash contaminated clothing before reuse.

Do **NOT** wear contact lenses. **OXIDIZING MATERIAL!** Light sensitive.