

IMPORTANT

MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL

OSHA requires that this form be kept on file.

Product No. KM 714 M

Product Name SILVER NITRATE

0.10 N SOLUTION

Health Hazard	2
Flammability	0
Reactivity	0

SECTION I NAME

Chemical Synonyms N/A

Formula mixture

C.A.S. No. See Section II

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Component(s)

Silver Nitrate CAS# 7761-88-8

% <2 P.E.L. N/A TLV units 10 ug (Ag)/m³

* Chemical subject to the reporting requirements of SARA Title III.

SECTION III

Melting Point (°F) N/A

Boiling Point (°F) N/A

Vapor Pressure (mm Hg) N/A

Vapor Density (Air=1) N/A

Solubility in Water Complete

Appearance & Odor Colorless, odorless liquid.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) Nonflammable Flammable Limits in Air Lower N/A Upper N/A

Extinguisher Media Use extinguisher media appropriate for surrounding fire.

Special Firefighting Procedures

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.

Unusual Fire and Explosion Hazards

Toxic gas of nitrogen oxides may be produced.

DEC 28 1995

D.O.T. Silver nitrate solution, 5.1, UN1493, PGII

See Section II

Effects of Overexposure

Contact with skin or eyes may cause irritation. Ingestion may cause gastrointestinal pain, nausea and vomiting.

Emergency and First Aid Procedures

Call a physician. EYES/SKIN: Immediately flush with plenty of water for at least 15 minutes. INHALATION: Remove to fresh air and assist breathing if necessary. INGESTION: Immediately induce vomiting by giving a tablespoon of salt in warm water and repeat until vomit is clear.

SECTION VI REACTIVITY DATA

Stability ☒ Stable ☐ Unstable ☐ Light

Incompatibility (Materials to Avoid) Combustible materials, bromine trifluoride and trichloride, magnesium, phosphine, strong reducing agents.

Hazardous Decomposition Products Oxides of nitrogen.

Hazardous Polymerization May Occur ☐ Will Not Occur ☒ Conditions to Avoid N/A

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled

Take up with sand or other non-combustible absorbent material and containerize for disposal. Flush spill area with water.

Waste Disposal Method

Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities. Dispose in accordance with all applicable federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection NIOSH approved dust/mist respirator if TLV exceeded.

Ventilation Local Exhaust Ventilation X

Protective Gloves Rubber Gloves Eye Protection Safety Goggles

Other Protective Equipment Lab coat.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storage

Keep container tightly closed when not in use. Keep container out of light. Wash thoroughly after handling.

Other Precautions

Read label on container before using. Do not wear contact lenses when working with chemicals. Do not get on skin or in eyes. Do not breathe fumes or mist.

Approved by Steven C. Quandt Effective Date 11/15/94

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