

IMPORTANT MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL
OSHA requires that this form be kept on file.

Product No. **KM 713 M**
Product Name **SILVER NITRATE**
0.10 N SOLUTION

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES
Principal Hazardous Component(s)
*Silver Nitrate CAS# 7761-88-8

SECTION I	NAME	Health Hazard	Flammability	Reactivity
Chemical Synonyms	N/A	2	0	0
Formula	mixture			
C.A.S. No.	See Section II			

SECTION III	Physical Properties	TLV Units
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	PEL	TLV Units
Flash Point (Method Used)	Nonflammable	2	
Extinguisher Media	Use extinguisher media appropriate for surrounding fire.	N/A	10 ug (Ag)/m ³
Flammable Limits in Air			
Lower	N/A		
Upper	N/A		

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 <input checked="" type="checkbox"/> Unstable <input type="checkbox"/>
Incompatibility (Materials to Avoid)	Light
Hazardous Decomposition Products	Combustible materials, bromine trifluoride and trichloride, magnesium, phosphine, strong reducing agents.
Hazardous Polymerization	Oxides of nitrogen.
May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	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 (Specify Type)	NIOSH approved dust/mist respirator if TLV exceeded.
Ventilation	Local Exhaust (X) Special: _____ Other: _____
Protective Gloves	Rubber Gloves
Other Protective Equipment	Lab coat. Eye Protection Safety Goggles

SECTION IX SPECIAL PRECAUTIONS
Precautions to be Taken in Handling & Storing
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. Oland** Effective Date **11/15/94** For Laboratory Use Only. Not for household use. Keep out of reach of children.