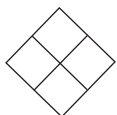




MATERIAL SAFETY DATA SHEET

MSDS No: NN0073
Effective Date: May 25, 2012

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	MediSILVER BLACK	 <p>CHEMTREC 800-424-9300 Day 585-226-6177</p> <p>Health 0 Fire 0 Reactivity 0</p> <p>HMIS*</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>MINIMAL</td> <td>SLIGHT</td> <td>MODERATE</td> <td>SERIOUS</td> <td>SEVERE</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table>	MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE	0	1	2	3	4
MINIMAL	SLIGHT		MODERATE	SERIOUS	SEVERE							
0	1		2	3	4							
Chemical Synonyms	20 ppm Colloidal Silver											
Formula	2Ag (non-ionic)											
Unit Size	Up to 20 milligrams / liter											
C.A.S. No.	7440-22-4											

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	Mg/L	TLV Units
Silver	20	See Section V.
Water		

WARNING! DO NOT TAKE IF ALLERGIC TO SILVER

SECTION III PHYSICAL DATA

Melting Point (°F)	Already Liquid	Specific Gravity (H₂O = 1)	1
Boiling Point (°F)	212	Percent Volatile by Volume (%)	Not Volatile
Vapor Pressure (mm Hg)	17.5 @ 20 °C	Evaporation Rate (Butyl acetate = 1)	N/A
Vapor Density (Air = 1)	N/A		
Solubility in Water	Soluble		
Appearance & Odor	Clear, Odorless		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-combustible	Flammable Limits in Air % by Volume	N/A
Extinguisher Media	Any	LEL: N/A	UEL: N/A

SPECIAL FIREFIGHTING PROCEDURES

NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS

FIRE: Not a fire hazard.
EXPLOSION: Not an explosion hazard.

D.O.T. NON-REGULATED.

SECTION V HEALTH HAZARD DATA

Threshold Limit Value	N/A ... this is a liquid
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Effects of Overexposure	Low toxicity, but acute or chronic overexposure could result in heavy metal poisoning and/or Argyria
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Emergency and First Aid Procedures	INGESTION: If above the recommended dose, call a physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. EYES: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists. Protect from light. SKIN: Protect from light. INHALATION: Treat as if water was inhaled.
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SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	None
	Stable	X	

Incompatibility (Materials to Avoid)	None
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Hazardous Decomposition Products	No Hazardous Decomposition
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Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
	Not Applicable

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Spillage should be absorbed or mopped up and retained for the recovery of 99.99+% pure silver. Wash spill area with soap and water.
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Waste Disposal Method	Send to refiners for recovery of silver. Dispose of in an approved chemical landfill or contract with a licensed waste disposal agency.
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection	None required
Ventilation	Local Exhaust N/A Special None required Mechanical N/A Other None required
Protective Gloves	None required Eye Protection None required
Other Protective Equipment	None required

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Keep container tightly closed when not in use. Store in a cool, dry, sanitary place. Do not allow to freeze as freezing, though harmless, will destroy colloidal suspension.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach from children. Do not take more than recommended on label. Stop consuming immediately if any adverse side effects or reactions are suspected.
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Revision No. 2 Date: 05/25/2012 Approved: Michael D. Miller Chemical Safety Coordinator MDM

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards.