



MATERIAL SAFETY DATA SHEET

MSDS No: NN0071
Effective Date: May 22, 2012

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	MediGOLD	<p>NFPA HAZARD RATING MINIMAL SLIGHT MODERATE SERIOUS SEVERE 0 1 2 3 4</p>	CHEMTREC 800-424-9300 Day 585-226-6177	Health	0
Chemical Synonyms	20 ppm Colloidal Gold		Fire	0	
Formula	Au		Reactivity	0	
Unit Size	Up to 20 milligrams / liter		HMIS*		
C.A.S. No.	7440-57-5				

SECTION II INGREDIENTS OF MIXTURES

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

WARNING! DO NOT TAKE IF ALLERGIC TO GOLD

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 Ruby Red to Purple, 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.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA

Threshold Limit Value
N/A ... this is a liquid

Effects of Overexposure
Low toxicity, but acute or chronic overexposure could result in heavy metal poisoning

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 immediate medical attention if irritation persists. **SKIN:** None needed. **INHALATION:** Treat as if water was inhaled.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	None
	Stable	X	
Incompatibility (Materials to Avoid)	None; gold is unreactive		
Hazardous Decomposition Products	No Hazardous Decomposition		

Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
None Known	

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 gold. Wash spill are with soap and water.

Waste Disposal Method
Send to refiners for recovery of gold. Dispose of in an approved chemical landfill or contract with a licensed waste disposal agency.

SECTION VIII SPECIAL PROTECTION INFORMATION

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

Other Precautions
Read label on container before using. Don 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.

Revision No. 2 Date: 05/22/2012 Approved: Michael D. Miller Chemical Safety Coordinator MDM

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