MATERIAL SAFETY DATA SHEET

SECTION I
NAME
MediCOPPER

24 HOUR EMERGENCY ASSISTANCE
Product

Chemical Synonyms
10 ppm Colloidal Copper

Formula
Cu

Unit Size
Up to 10 milligrams / liter

C.A.S. No.
7440-50-8

WARNING! DO NOT TAKE IF ALLERGIC TO COPPER

SECTION II
INGREDIENTS OF MIXTURES
Principal Component(s)
Mg/L TLV Units
Copper 10 See Section V.
Water

SECTION III
PHYSICAL DATA
Melting Point (°F)
Already Liquid

Boiling Point (°F)
212

Vapor Pressure (mm Hg)
17.5 @ 20 °C

Vapor Density (Air = 1)
N/A

Solubility in Water, pH
Soluble, pH = 7 to 8 range

Appearance & Odor
Clear Tan Color, Odorless

SECTION IV
FIRE AND EXPLOSION HAZARD DATA
Flash Point (Method Used)
Non-combustible

Extinguisher Media
Any

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 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

X

Incompatibility
(Materials to Avoid)
None; Copper is unreactive

Hazardous Decomposition Products
No Hazardous Decomposition

Hazardous Polymerization
Conditions to Avoid
May Occur Will Not Occur X

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 area 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 None required
Mechanical N/A Other None required

Protective Gloves
Other Protective Equipment
None required Eye Protection 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. 1
Date: 12/22/2013
Approved: Michael D. Miller
Chemical Safety Coordinator MDM

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