**SECTION I**  NAME

**PRODUCT:** Colloidal Gold - 200 ppm

**CHMTEC**

**800-424-8300**

**Day:** 585-226-6177

**NFPA 704**

**MINIMAL SLIGHT MODERATE SERIOUS SEVERE**

**0 1 2 3 4**

**HAZARD RATING**

**HEALTH 0**

**FIRE 0**

**REACTIVITY 0**

**SECTION II**  INGREDIENTS OF MIXTURES

**Principal Component(s):** Mg/L TLV Units

- Gold 200 See Section V.
- Water

**WARNING! DO NOT TAKE IF ALLERGIC TO GOLD**

**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:** Soluble

**Appearance & Odor:** Clear Ruby Red to Purple, Odorless

**Flash Point:** Non-combustible

**Extinguisher Media:** Any

**SECTION IV**  FIRE AND EXPLOSION HAZARD DATA

**Flammable Limits in Air:** N/A

**Flammable Limits by Volume (%):** N/A

**LEL:** N/A

**UEL:** N/A

**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

**SECTION VI**  REACTIVITY DATA

**Stability:** Unstable

**Conditions to Avoid:** None

**Incompatibility:** (Materials to Avoid)

**Hazardous Decomposition Products:** None; Gold is un-reactive

**Hazardous Polymerization:** Conditions to Avoid

- May Occur X Will Not Occur

**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

**Protective Gloves:** None required Eye Protection

**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: 04/22/2015 Approved: Cherie Miller Chemical Safety Coordinator CNM

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.