

# Material Safety Data Sheet

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## SECTION I - Material Identity

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Item Name..... COPPER (ALKALINE) PLATING SOLUTION  
Part Number/Trade Name..... COPPER (ALKALINE) PLATING SOLUTION  
National Stock Number..... 6850P2051  
CAGE Code..... 11924  
Part Number Indicator..... A  
MSDS Number..... 8771  
HAZ Code..... B

## SECTION II - Manufacturer's Information

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Manufacturer Name..... SIFCO SELECTIVE PLATING  
City..... CLEVELAND  
State..... OH  
Emergency Phone..... 216-881-8600

## MSDS Preparer's Information

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Date MSDS Prepared/Revised..... NONE  
Active Indicator..... N

## Alternate Vendors

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## SECTION III - Physical/Chemical Characteristics

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Specification Number..... N/R  
Boiling Point..... >100C, >212F  
Container Pressure Code..... 4  
Temperature Code..... 8  
Product State Code..... U

## SECTION IV - Fire and Explosion Hazard Data

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Flash Point Method..... UNK

## SECTION V - Reactivity Data

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Stability..... YES

Stability Conditions to Avoid..... HEAT  
Materials to Avoid..... STRONG ACIDS,OXIDIZERS  
Hazardous Decomposition Products..... SOX,NOX,CO2,CU  
LD50 - LD50 Mixture..... N/R

## SECTION VI - Health Hazard Data

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Route of Entry: Skin..... YES  
Route of Entry: Inhalation..... YES  
Health Hazards - Acute and Chronic..... INGEST=SEVERE BURNING PAIN IN MOUTH&THROAT,  
DIARRHEA,TENESMUS,RETCHING,HEMOLYSIS,HYPOTE  
DMGW/JAUNDICE,SHOCK.DELAYED GASTRIC OR ESOP  
Carcinogenity: NTP..... NO  
Carcinogenity: IARC..... NO  
Carcinogenity: OSHA..... NO  
Symptoms of Overexposure..... DANGER!CAUSES SEVERE BURNS.MAY BE FATAL IF  
REACTION.REPEATED CNTCT MAY CAUSE SENSITIZA  
INCREASE INCIDENCE OF LUNG CANCER,POSSIBLY  
Medical Cond. Aggrevated by Exposure.... RESPIRATORY CONDITIONS,SKIN,LIVER (INCREASE

## SECTION VII - Precautions for Safe Handling and Use

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## SECTION VIII - Control Measures

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Respiratory Protection..... NIOSH/MSHA-APPROVED  
Ventilation..... LOCAL EXHAUST REQUIRED  
Protective Gloves..... NITRILE,NEOPRENE,VINYL  
Eye Protection..... FACE SHIELD,CHEMICAL GOGGLES  
Supplemental Health/Safety Data..... NOTE:DO NOT WEAR CONTACT LENSES.(OTHER  
PRECAUTIONS-DO NOT RELEASINTO  
SOIL,SEWER,STREAM,POND,OR SOURCES OF  
DRINKING WATER.)

## SECTION IX - Label Data

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Protect Eye..... YES  
Protect Skin..... YES  
Protect Respiratory..... YES  
Chronic Indicator..... YES  
Contact Code..... SEVERE  
Fire Code..... UNKNOWN  
Health Code..... UNKNOWN  
React Code..... UNKNOWN

## SECTION X - Transportation Data

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Container Quantity..... 1  
Unit of Measure..... GL

**SECTION XI - Site Specific/Reporting Information**

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**SECTION XII - Ingredients/Identity Information**

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Ingredient #..... 01  
Ingredient Name..... (CUCPD) COPPER COMPOUNDS,AS CU PEL-N/R  
CAS Number..... 7440508  
NIOSH Number..... N/R  
Proprietary..... NO  
Percent..... 8  
ACGIH TLV..... N/R  
Ingredient #..... 02  
Ingredient Name..... TRADE SECRET INFORMATION DISCLOSED ONLY  
UPON FULL COMPLIANCEW/OSHA STNDRD "HAZARD  
COMMUNICATION" 29 CFR 1910.1200.  
CAS Number..... N/R  
NIOSH Number..... N/R  
Proprietary..... YES  
Percent..... N/R  
ACGIH TLV..... N/R

**NOTICE: For additional information, contact BIOENVIRONMENTAL**

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