



A Branch of Wilbur-Ellis Company

# MATERIAL SAFETY DATA SHEET

## EDTA 5% Copper

### I. NAME

PRODUCT/TRADE NAME: EDTA 5% COPPER  
 EPA REGISTRATION #: NONE  
 CHEMICAL NAME/COMMON NAME:  
 Copper Ethylenediaminetetra acetic acid/Copper EDTA

### II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Copper EDTA	14025-15-1	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

### III. PHYSICAL DATA

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.1612  
 MELTING POINT: NA  
 VAPOR DENSITY (AIR = 1): NA  
 % VOLATILES BY VOL.: NA  
 ODOR: Odorless  
 APPEARANCE: Opaque Brown Liquid  
 FLASH POINT/METHOD: NA  
 VAPOR PRESSURE (mmHg): NA  
 SOLUBILITY IN H<sub>2</sub>O: Miscible

### IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  Water Fog  Foam  Alcohol Foam  
 CO<sub>2</sub>  Dry Chemical  Other  
 FIRE FIGHTING PRECAUTIONS & HAZARDS:  
 Fight fire upwind. Wear pressure demand self-contained breathing apparatus and full protective equipment. Avoid breathing smoke, spray mist or dust. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

### V. CARCINOGEN STATUS

OSHA  NTP  IARC  No Listing Type

### VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION  
 Unstable  May Occur  Will Not Occur  
 AVOID: High humidity, Hydroxylamine, Acids, Magnesium  
 HAZARDOUS DECOMPOSITION PRODUCTS: Copper fume, SO<sub>x</sub>, CO<sub>x</sub>

### VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Absorb with inert material and vacuum or sweep into an approved disposal container.  
 DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material and place in approved disposal containers. Repeat as necessary until area is clean.  
 ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.  
 DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

### VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD<sub>50</sub> (rat) 300 mg/kg (SAX\*). Do not ingest. Can be fatal. Wash before eating, drinking or smoking. Do not store feed or food.  
 INHALATION: PEL/TLV a mg/m<sup>3</sup>. Wear appropriate respiratory protective equipment for exposures above the PEL/TLV. Can irritate mucous membranes.  
 SKIN ABSORPTION: Can cause skin irritation producing eczema and itching. Wear proper personal protective equipment to prevent skin exposure.  
 EYE EXPOSURE: Can cause eye irritation, conjunctivities and corneal damage. Wear proper eye protection to prevent eye exposure. If exposed, flush eyes for a minimum of 15 minutes with water.  
 EFFECTS OF OVEREXPOSURE: Can irritate skin, eyes and mucous membranes. Can cause diarrhea, nausea, headache, sweating, shock, jaundice, convulsions or coma. Chronic overexposure can cause damage to kidney, liver and spleen. Preexisting medical conditions involving the above symptoms may be aggravated by exposure to this product.  
 FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water. Do not induce vomiting. For skin exposure, remove contaminated

clothing and wash with soap and water. For eye exposure, flush eyes with water for a minimum of 15 minutes. If inhaled, remove victim to fresh air, and administer CPR if necessary.

### IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA-approved respirator for pesticides for exposures up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposures above 10 times the PEL/TLV.  
 PERSONAL PROTECTIVE EQUIPMENT: Neoprene or nitrile gloves, rubber or neoprene boots, long-sleeved coveralls, safety goggles or glasses with side shields and brow protection and hat. For manufacture, formulation and application operations recommend a shower at the end of the work shift.  
 VENTILATION: Local exhaust ventilation is recommended for formulation and manufacture. General ventilation sufficient for intended use.

### X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

### XI. REGULATORY DATA

SARA HAZARD CLASS:  Acute  Chronic  Flammable  
 Pressure  Reactive  None  
 SARA 313:  Yes  No Chemical: Copper Compounds  
 SARA 302:  Yes  No Chemical:  
 TPQ:  
 CERCLA:  Yes  No Chemical: Copper EDTA  
 RQ: 10\*  
 RCRA:  Yes  No

#### NFPA HAZARD RATING:

Health: [2]  
 Fire: [1]  
 Reactivity: [0]  
 Special: [ ]

#### NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious  
 1 = Slight 4 = Severe  
 2 = Moderate

#### HMS CODES:

Health: [2]  
 Fire: [1]  
 Reactivity: [0]

#### HMS HAZARD RATING SCALE:

0 = Minimal 3 = Serious  
 1 = Slight 4 = Severe  
 2 = Moderate

DATE PREPARED: April 1, 2010

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Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

\*Technical Material NE - Not Established NA - Not Applicable

**24 Hour Emergency Phone Number**  
**CHEMTREC: (800) 424-9300**

**RNA**

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