

## **CUPROUS CHLORIDE,37 W 2273**

### **MSDS Number**

CDYTJ

### **National Stock Number**

6810-00D006805

### **Product Name**

CUPROUS CHLORIDE,37 W 2273

### **Manufacturer**

WARD'S NATURAL SCIENCE ESTABLISHMENT INC

### **Product Identification**

Product ID:CUPROUS CHLORIDE,37 W 2273

MSDS Date:08/11/1995

FSC:6810

NIIN:00D006805

MSDS Number: CDYTJ

### **Responsible Party**

WARD'S NATURAL SCIENCE ESTABLISHMENT INC.

ROCHESTER , NY 14692-9012

US

Emergency Phone: 716-226-6177/800-424-9300(CHEMTREC)

Info Phone: 716-359-2502

Preparer: MICHAEL RASZEIJA

Cage: EO227

### **Contractor**

WARDS NATURAL SCIENCE ESTABLISHMENT INC

92912

ROCHESTER, NY 14692-9012

US

(716) 359-2502

Cage: 63759

### **Ingredients**

COPPER CHLORIDE

CAS: 7758-89-6

RTECS: GL6990000

Fraction By Weight: 100%

### **Hazards**

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 265 MG/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- INHALE:IRRITATING TO UPPER RESPIRATORY TRACT.

MAY CAUSE NASAL CONGESTION. EYES:CORROSIVE, CAUSES CONJUNCTIVITIS.

SKIN:MAY CAUSE ALLERGIC SKIN R EACTION. ORAL:TOXIC. MAY CAUSE

COPPER POISONING AND/OR DEATH. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, CHILLS, PAIN, NAUSEA, VOMITING, METALLIC TASTE, DIARRHEA, REDNESS, ALLERGIC SKIN REACTION

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS, IMPAIRED RESPIRATORY FUNCTION OR PERSONS WITH WILSON'S DISEASE MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

## First Aid

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 2 GLASSES OF MILK/WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

## Fire Fighting

Flash Point: NOT RELEVANT  
Lower Limits: NOT RELEVANT  
Upper Limits: NOT RELEVANT  
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.  
Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. SEE 1993 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5, GUIDE NO 60.  
Unusual Fire/Explosion Hazard: MAY EMIT HAZARDOUS MATERIALS.

## Accidental Release

Spill Release Procedures: SPRINKLE LIME OR SODA ASH ON SPILL TO FORM INSOLUBLE COPPER SALT. SWEEP, SCOOP OR PICK UP. DO NOT RAISE DUST. PLACE IN A SUITABLE CONTAINER FOR DISPOSAL.  
Neutralizing Agent: SODA ASH, LIME

## Handling

Handling and Storage Precautions: STORE MATERIAL IN A DRY, VENTILATED AREA AWAY FROM INCOMPATIBLES. KEEP CONTAINER TIGHTLY CLOSED. PROTECT AGAINST PHYSICAL DAMAGE.  
Other Precautions: DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID INHALATION OF DUSTS. KEEP OUT OF REACH OF CHILDREN. OBEY HAZARD WARNING LABEL. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION.

## Exposure Controls

Respiratory Protection: NONE NORMALLY REQUIRED. IN DUSTY CONDITIONS OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED DUST RESPIRATOR OR MASK.  
Ventilation: USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.  
Protective Gloves: RUBBER/PLASTIC  
Eye Protection: DUST-RESISTANT SAFETY GOGGLES  
Other Protective Equipment: EYE WASH STATION, EMERGENCY SHOWER, APPROPRIATE LABORATORY COAT TO COVER EXPOSED SKIN  
Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.  
Supplemental Safety and Health

## Chemical Properties

HCC: C1  
NRC/State Lic Num: NOT RELEVANT  
Boiling Pt: B.P. Text: 2490F, 1366C  
Melt/Freeze Pt: M.P/F.P Text: 792F, 422C  
Spec Gravity: 4.14  
Viscosity: NOT RELEVANT  
Evaporation Rate & Reference: NOT RELEVANT  
Solubility in Water: 0.0062% @ 20C/68F  
Appearance and Odor: TAN TO GRAYISH POWDER - ODORLESS

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZING AGENTS, POTASSIUM  
Stability Condition to Avoid: MOISTURE, SUNLIGHT  
Hazardous Decomposition Products: TOXIC COPPER DUST, FUMES OR CHLORINE  
GAS

## Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. CONTACT AN APPROVED/LICENSED DISPOSAL AGENCY.

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