

14188 CUVER 1 COPPER REAGENT

MSDS Number

BBCJB

National Stock Number

6810-00D000121

Product Name

14188 CUVER 1 COPPER REAGENT

Manufacturer

HACH COMPANY

Product Identification

Product ID:14188 CUVER 1 COPPER REAGENT

MSDS Date:08/04/1989

FSC:6810

NIIN:00D000121

MSDS Number: BBCJB

Responsible Party

HACH COMPANY

100 DAYTON RD.

AMES , IA 50010-6402

US

Emergency Phone: 515-232-2533 (303-623-5716 MEDICAL)

Info Phone: 800-227-4224

Cage: 4T252

Contractor

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

Ingredients

SODIUM PHOSPHATE, DIBASIC (SARA III)

CAS: 7558-79-4

RTECS: WC4500000

Fraction By Weight:

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

MONOBASIC POTASSIUM PHOSPHATE

CAS: 7778-77-0

Fraction By Weight:

SODIUM ASCORBATE

CAS: 134-03-2

RTECS: CI7671000

Fraction By Weight:

2-2'-BICINCHONIC ACID,DIPOTASSIUM SALT

CAS: 63451-34-3

Fraction By Weight:

Hazards

LD50 LC50 Mixture:ORAL RAT LD50 IS NOT KNOWN

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO EYES,SKIN,RESPIRATORY TRACT.

Explanation of Carcinogenicity:NEITHER PRODUCT OR INGREDIENTS ARE LISTED AS CARCINOGENS BY THE NTP, IARC, OR OSHA.

Effects of Overexposure:IRRITATION,STOMACH DISORDERS,HEART PROBLEMS,CENTRAL NERVOUS SYSTEM DISORDERS.

Medical Cond Aggravated by Exposure:NONE REPORTED

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LA RGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

Fire Fighting

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS OF PHOSPHORUS.

Accidental Release

Spill Release Procedures:COLLECT IN BEAKER FOR DISPOSAL.

Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN COOL,DRY AREA.

Other Precautions:WASH THOROUGHLY AFTER HANDLING.AVOID

SKIN,EYES/CLOTHING CONTACT.PRODUCT MAY GIVE POISONOUS GAS IF HEATED.DO NOT BREATHE FUMES.KEEP AWAY FROM HEAT,SPARKS & OPEN FLAMES.

Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST IF EXPOSURE IS ABOVE THE TLV/PEL.

Ventilation:NOT NORMALLY REQUIRED. USE LAB HOOD OR OTHER LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:RUBBER, VINYL OR OTHER IMPERVIOUS

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:EYE WASH,SAFETY SHOWER,LAB COAT OR APRON

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

CHANGE NUMBER 8276

Chemical Properties

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:359F/182C

Spec Gravity:2.32
Solubility in Water:SOLUBLE
Appearance and Odor:WHITE POWDER,ODOR SIMILAR TO BROWN SUGAR * PH 5%
SOLN = 6.5

Stability

Stability Indicator/Materials to Avoid:YES
NONE REPORTED
Stability Condition to Avoid:HEAT,MOISTURE
Hazardous Decomposition Products:PHOSPHORUS OXIDES

Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
MFR SUGGESTS DISSOLVE IN EXCESS WATER,FLUSH TO DRAIN.

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