

COPPER CHEMETS, VACUETTES AND VACU-VIALS, R

MSDS Number

BLRVG

National Stock Number

6550-00N021000

Product Name

COPPER CHEMETS, VACUETTES AND VACU-VIALS, R

Manufacturer

CHEMETRICS INC

Product Identification

Product ID:COPPER CHEMETS, VACUETTES AND VACU-VIALS, R

MSDS Date:01/09/1989

FSC:6550

NIIN:00N021000

MSDS Number: BLRVG

Responsible Party

CHEMETRICS INC

ROUTE 28

CALVERTON , VA 22016

US

Emergency Phone: 800-356-3072

Info Phone: 800-356-3072

Preparer: HENRY B CASTANEDA

Cage: 7K791

Contractor

CHEMETRICS INC

CALVERTON, VA 22016

US

800-356-3072; 540-788-9026

Cage: 7K791

Ingredients

BATHOCUPROINE

CAS: 4733-39-5

Fraction By Weight: 0.1%

OXALIC ACID

CAS: 144-62-7

RTECS: RO2450000

Fraction By Weight: 0.5%

OSHA PEL1 MG/M3/2 STEL

ACGIH TLV: 1 MG/M3/2 STEL; 9192

SODIUM BISULFITE (SASA III)

CAS: 7631-90-5

RTECS: VZ2000000

Fraction By Weight: 0.5%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ACETONE (SARA III)

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight:

OSHA PEL1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ACETIC ACID (SARA III)

CAS: 64-19-7

RTECS: AF1225000

Fraction By Weight: 15%

OSHA PEL10 PPM

ACGIH TLV: 10 PPM/15 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

AMMONIUM HYDROXIDE (SARA III)

CAS: 1336-21-6

RTECS: BQ9625000

Fraction By Weight: 20 - 30%

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

DEIONIZED WATER

CAS: 77-18-5

Fraction By Weight: >62%

THE REMAINDER OF THIS MSDS PERTAINS TO INGREDIENT 6.

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: MAY CAUSE DERMATITIS. EYE: MAY CAUSE IRRITATION, CATARACTS, AND RETINAL ATROPHY. INGESTION: MAY CAUSE EXCESSIVE SALIVATION, NAUSEA, VOMITING, GASTRIC IRRITATION, AND POSSIBLY PERFORATION.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:SKIN: THORO WASH AFFECTED AREAS W/SOAP/MILD DETERGENT & LRG AMTS OF H2O. IN CASE OF CHEM BURNS, COVER AREA W/STERILE DRY DRESSING. SEEK PROMPT MED ATTN. EYE: FLUSH CONT W/COPIOUS AMTS OF H2O FOR AT LE AST 15 MIN. FORCIBLY HOLD EYELIDS APART TO ENSURE IRRIGATION OF ALL EYE & LID TISS.SEEK PROMPT MED ATTN.INGEST:IF VICTIM IS CONSCIOUS & NOT CONVULSIVE,IMMED GIVE VICTIM LRG QTYS OF H2O. (SUPP DATA)

Fire Fighting

Flash Point:NON-FLAMMABLE

Lower Limits:16%

Upper Limits:27%

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

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:DO NOT TOUCH SPILLED MATERIAL. TAKE UP W/ SAND OR OTHER ABSORBENT MATERIAL AND PLACE INTO SMALL CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:LOCAL EXHAUST.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEM WORK GOG.MAY ADD FULLLTH FSHLD

Other Protective Equipment:IMPERVIOUS CLOTHING.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC: DO NOT INDUCE VOMITING. SEEK PROMPT MEDICAL ATTENTION.

Chemical Properties

HCC:C2

Melt/Freeze Pt:M.P/F.P Text:-107F,-77C

Vapor Pres:420-475

Vapor Density:0.6

Spec Gravity:0.9

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID, STRONG AMMONIA ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MAY PRODUCE CORROSIVE VAPORS OF AMMONIA AND TOXIC OXIDES OF NITROGEN.

Disposal

Waste Disposal Methods:DISPOSE OF BY MEANS AS TO COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT AN APPROVED AND LICENSED

DISPOSAL AGENCY.

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