

CHROMATE CHEMETS VACUETTES & VACU-VIALS R-1

MSDS Number

BLJDS

National Stock Number

6810-00N021364

Product Name

CHROMATE CHEMETS VACUETTES & VACU-VIALS R-1

Manufacturer

CHEMETRICS INC

Product Identification

Product ID:CHROMATE CHEMETS VACUETTES & VACU-VIALS R-1

MSDS Date:03/14/1989

FSC:6810

NIIN:00N021364

MSDS Number: BLJDS

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

SODIUM TETRABORATE, DECAHYDRATE

CAS: 1303-96-4

RTECS: VZ2275000

Fraction By Weight:

OSHA PEL10 MG/M3

ACGIH TLV: 5 MG/M3; 9192

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight:

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

DEIONIZED WATER
CAS: 77-18-5
Fraction By Weight: >90%

POTASSIUM IODIDE
CAS: 7681-11-0
RTECS: TT2975000
Fraction By Weight:
MERCURIC (II) IODIDE
CAS: 7774-29-0
RTECS: OW5250000
Fraction By Weight:
OSHA PEL100 UGHG/M3, S (MFR)
ACGIH TLV: 0.1 MG/M3 (MFR)

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: MAY CAUSE IRRITATION AND
SENSITIZATION DERMATITIS. MAY CAUSE BURNS. EYE: MAY CAUSE
CONJUNCTIVITIS AND BURNS. INGEST: DAMAGE TO THE MUCOUS MEMBRANES OR
TISSUES WITH WHICH CONTACT IS MADE.
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:WASH AREAS W/SOAP/MILD DETERGENT & LG AMTS OF WATER.
EYE: FLUSH CONTINUOUSLY W/COPIOUS AMTS OF WATER FOR AT LEAST 15
MINS. FORCIBLY HOLD LIDS APART TO ENSURE IRRIGATION OF ALL EYE AND
LID TISS. S EEK MD. INGEST:IF VICTIM IS CONSCIOUS &NOT CONVULSIVE,
IMMED GIVE LG QUANTITIES OF WATER. DO NOT INDUCE VOMIT. SEEK MD.
INHAL: REMOVE TO FRESH AIR. SUPPORT BRTHG (GIVE O2/ARTF RESP). CALL
MD .

Fire Fighting

Flash Point:NON-FLAMMABLE
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR FOAM.
Fire Fighting Procedures:WEAR 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 WITH
SAND OR OTHER ABSORBENT MATERIAL AND PLACE INTO SMALL CONTAINERS
FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:IF USED AS DIRECTED, USER WILL NOT
CONTACT OR BE EXPOSED TO ANY CHEMICAL COMPONENTS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

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

Ventilation:SIMPLY PROVIDE ADEQUATE VENTILATION.

Protective Gloves:NONE REQUIRED.

Eye Protection:CHEM WRKRS GOG W/FULL LGHT FSHLD .

Other Protective Equipment:EMERGENCY EYE WASH AND DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:2534F,1390C

Melt/Freeze Pt:M.P/F.P Text:605F,318C

Vapor Pres:42 @ 1000C

Spec Gravity:2.1

Solubility in Water:42%

Appearance and Odor:WHITE HYGROSCOPIC SOLID

Stability

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MAY RELEASE TOXIC FUMES OF SODIUM OXIDE, WHICH CAN REACT W/WATER/STEAM TO PRODUCE HEAT & FLAMMABLE HYDROGEN VAPORS.

Disposal

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

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