

22162-25 FLUORIDE REAGENT AMP DUAL RANGE

MSDS Number

BBFPR

National Stock Number

6850-00D002069

Product Name

22162-25 FLUORIDE REAGENT AMP DUAL RANGE

Manufacturer

HACH CO

Product Identification

Product ID:22162-25 FLUORIDE REAGENT AMP DUAL RANGE

MSDS Date:07/10/1987

FSC:6850

NIIN:00D002069

MSDS Number: BBFPR

Responsible Party

HACH CO.

100 DAYTON RD

AMES , IA 50010-0642

US

Emergency Phone: 515-232-2533 800-247-0642

Info Phone: 303-669-3050 OR 800-227-4224

Cage: 91224

Contractor

HACH CO

389

LOVELAND, CO 80539

US

970-669-3050/ 303-623-5716

Cage: 91224

Ingredients

HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight:

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SODIUM ARSENITE

CAS: 7784-46-5

Fraction By Weight:

OSHA PEL0.01 MG/CUM
ACGIH TLV: 0.2 MG/CUM
EPA Report Quantity: 1 LB
DOT Report Quantity: 1 LB

OTHER COMPONENTS

Fraction By Weight:

DEMINERALIZED WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: TO 100%

Hazards

LD50 LC50 Mixture:ORAL RAT LD50 = 540 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:CORROSIVE TO EYES,SKIN,RESPIRATORY TRACT. CONTAINS ARSENIC;A POISON AND A CARCINOGEN.
Explanation of Carcinogenicity:ARSENIC IS LISTED AS CARCINOGENIC. MFR CLAIMS NO UNREPORTED INGREDIENTS ARE LISTED AS CARCINOGENS.
Effects of Overexposure:CAUSES BURNS OF TISSUES CONTACTED.
INGESTED:SEDATION,TWITCHING.
Medical Cond Aggravated by Exposure:IMPAIRED PULMONARY FUNCTION.

First Aid

First Aid:EYE:FLUSH WITH WATER,15 MIN. SKIN:REMOVE CONTAMINATED CLOTHING,WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR,GET MEDICAL ATTENTION. INGEST:DO NOT INDUCE VOMITING. GIVE LARGE AMOUNT OF MILK OR WA TER PLUS AT LEAST 1 OZ OF MILK OF MAGNESIA OR 3 EGG WHITES. GET MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONE
Extinguishing Media:DRY CHEMICAL.
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC FUMES.

Accidental Release

Spill Release Procedures:NEUTRALIZE SPILL. ABSORB ON INERT MATERIAL.
Neutralizing Agent:SODIUM BICARBONATE OR 50/50 SODA ASH/SLAKED LIME.

Handling

Handling and Storage Precautions:NO SPECIAL STORAGE REQUIRED.

Exposure Controls

Respiratory Protection:NONE NORMALLY NEEDED. USE NIOSH RESPIRATOR OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE TLV.
Ventilation:USE HOOD OR OTHER LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:NONE
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:EYE WASH,SAFETY SHOWER, LAB COAT OR APRON.
Work Hygienic Practices:USE NORMAL CHEMICAL HYGIENE PRACTICES.
Supplemental Safety and Health

Chemical Properties

HCC:C1
Boiling Pt:B.P. Text:221F/105C
Spec Gravity:1.015
pH:Evaporation Rate & Reference:0.64 (REF N/K)

Solubility in Water:MISCIBLE
Appearance and Odor:DARK RED LIQUID,NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:EXCESSIVE HEAT.
Hazardous Decomposition Products:OXIDES OF ARSENIC AND CHLORIDE.

Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.