

C3004 ASBESTEST KIT; HYDROFLUORIC ACID,20%

MSDS Number

BBFGZ

National Stock Number

6810-00D001517

Product Name

C3004 ASBESTEST KIT; HYDROFLUORIC ACID,20%

Manufacturer

E C APPARATUS CORP

Product Identification

Product ID:C3004 ASBESTEST KIT; HYDROFLUORIC ACID,20%

MSDS Date:01/01/1987

FSC:6810

NIIN:00D001517

MSDS Number: BBFGZ

Responsible Party

E-C APPARATUS CORP.

3831 TYRONE BOULEVARD NORTH

SAINT PETERSBURG , FL 33709

US

Emergency Phone: 813-344-1644

Info Phone: 800-356-0783

Cage: 7Y829

Contractor

LAB SAFETY SUPPLY INC (FORMERLY SCIENCE RELATED)

1368

JANESVILLE, WI 53547-1368

US

608-757-4737

Cage: 6M644

Ingredients

HYDROGEN FLUORIDE (SARA III)

CAS: 7664-39-3

RTECS: MW7875000

Fraction By Weight: 20%

OSHA PEL3 PPM/6 STEL (F)

ACGIH TLV: C 3 PPM (F); 9192

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 80 - 85%

Hazards

LD50 LC50 Mixture:HUMAN LCLO 50PPM/30MIN

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

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

Health Hazards Acute and Chronic:PRODUCT PRODUCES SEVERE BURNS WHERE PAIN IS DELAYED AND INTENSE. CHRONIC EXPOSURES PRODUCE HYPOCALCEMIA AND OSTEOSCLEROSIS.

Effects of Overexposure:SEVERE BURNS,INFLAMMATION. PAIN IS OFTEN DELAYED ESPECIALLY WITH SKIN CONTACT. BE PARTICULARLY CAREFUL OF AREA UNDER FINGERNAILS.

Medical Cond Aggravated by Exposure:BONE,TEETH DISEASES.

First Aid

First Aid:EYES:IMMEDIATELY FLUSH WITH EXCESSIVE AMOUNTS OF WATER. CALL A PHYSICIAN. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP & WATER. FLUSH WITH EXCESSIVE WATER. CALL A PHYSICIAN. INHALED:REMOVE TO FRESH AIR. GIVE OXYGEN OR CPR IF NEEDED. CALL A PHYSICIAN. INGESTED:DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF MILK OR WATER WITH SEVERAL OUNCES OF MILK OF MAGNESIA. CALL A PHYSICIAN.

Fire Fighting

Flash Point:NONE

Extinguishing Media:EXTINGUISH WITH MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:MAY EMIT VERY TOXIC FUMES OF HF.

Accidental Release

Spill Release Procedures:COVER SPILL WITH NEUTRALIZING AGENT. (VENTILATE AREA) ADD WATER TO FORM SLURRY. SCOOP SLURRY INTO DISPOSAL CONTAINER.

Neutralizing Agent:50/50 MIX SLAKED LIME AND SODA ASH.

Handling

Handling and Storage Precautions:STORE/USE IN WELL-VENTILATED,COOL AREA. REPLACE DROPPER CAP WITH SHIPPING CAP WHEN NOT IN USE.

Exposure Controls

Respiratory Protection:USE NIOSH RESPIRATOR OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE TLV. NORMALLY EXPOSURE WILL BE UNDER TLV.

Ventilation:USE HOOD OR OTHER LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV OR BELOW TLV FOR NUISANCE DUST.

Protective Gloves:RUBBER

Eye Protection:SPLASH GOGGLES OR FULL FACE SHIELD

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

Work Hygienic Practices:USE VERY STRICT CHEMICAL HYGIENE PRACTICES.

Supplemental Safety and Health

Chemical Properties

HCC:C1

Boiling Pt:B.P. Text:216F/102C

Spec Gravity:1.08

pH:ACID

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID,SHARP ACRID ODOR

Stability

Stability Indicator/Materials to Avoid:YES

BASES,OXIDES OF ARSENIC,PHOSPHORUS,CALCIUM. VINYL ACETATE,ETHYLENEDIAMINE.

Stability Condition to Avoid:HEAT

Hazardous Decomposition Products:FLUORINE,HYDROFLUORIC ACID FUMES

Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
DO NOT FLUSH TO DRAIN.

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