

BOE ETCHANTS(BUFFERED OXIDE ETCHANTS)

MSDS Number

BCBBP

National Stock Number

6850-00K000559

Product Name

BOE ETCHANTS(BUFFERED OXIDE ETCHANTS)

Manufacturer

ALLIED CHEMICAL CORP

Product Identification

Product ID:BOE ETCHANTS(BUFFERED OXIDE ETCHANTS)

MSDS Date:01/01/1985

FSC:6850

NIIN:00K000559

MSDS Number: BCBBP

Responsible Party

ALLIED CHEMICAL CORP.

COLUMBIA RD & PARK AVE

MORRISTOWN , NJ 07960

US

Cage: 1L168

Contractor

ALLIED-SIGNAL INC

1087R

MORRISTOWN, NJ 07962-2332

US

201-455-4414

Cage: 1L164

Ingredients

HYDROGEN FLUORIDE (SARA III)

CAS: 7664-39-3

RTECS: MW7875000

Fraction By Weight: UNK

OSHA PEL3 PPM/6 STEL (F)

ACGIH TLV: C 3 PPM (F); 9192

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

AMMONIUM FLUORIDE (SARA III)

CAS: 12125-01-8

RTECS: BQ6300000

Fraction By Weight: UNK

OSHA PEL2.5 MG F/M3

ACGIH TLV: 2.5 MG F/M3; 9192

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

AMMONIUM BIFLUORIDE (SARA III)

CAS: 1341-49-7

RTECS: BQ9200000

Fraction By Weight: UNK

OSHA PEL2.5 MG F/M3

ACGIH TLV: 2.5 MG F/M3; 9192

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

Effects of Overexposure:EYES,SKIN,INHALE:EXTREMELY IRRITATING;EFFECT ON SKIN MAY BE DELAYED.

First Aid

First Aid:IF CONTACT,IMMEDIATE FLUSH W H*2O,CALL PHYSICIAN,& CONTINUE FLUSH W H*2O FOR 2-4 HOURS;REMOVE CONTAMINATED CLOTHING;INHALE:REMOVE TO FRESH AIR, CALL PHYSICIAN, GIVE CPR/OXYGEN IF NEED,KEEP WARM;INGEST :GIVE H*2O,NO VOMIT,CALL PHYSICIAN.

Fire Fighting

Extinguishing Media:NON FLAMMABLE; IF IN FIRE, WATER SPRAY TO MINIMIZE SPLASHING

Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP;SPECIAL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:EMITS HF GAS;MAY FORM H*2 IN METAL CONTACT;CORRODES MOST SUBSTANCES EXCEPT LEAD,WAX,POLYETHYLENE,PT

Accidental Release

Spill Release Procedures:DO NOT TOUCH. SM SPILL:FLUSH W LG AMTS H*2O,NEUTRALIZE W SODA ASH OR LIME,FLUSH AGAIN. LG SPILL:DIKE FOR LATER DISPOSAL & DILUTE W LG AMTS OF H*2O,NEUTRALIZE CAREFULLY W SODA ASH OR LIME.

Handling

Handling and Storage Precautions:KEEP IN APPROVED CONTAINERS,AVOID GLASS & METALS; KEEP IN COOL,WELL-VENTILATED,PROPERLY DRAINED SITE.

Other Precautions:NOTE HYDROGEN HAZARD. IF PERSONAL EXPOSURE IS PROBABLE,WEAR COMPLETE ACID SUIT,ACID HOOD W PLASTIC WINDOW. MAY USE ICE-COLD SATURATED SOLN EPSOM SALT AS FIRST AID FOR EXPOSED SKIN.

Exposure Controls

Respiratory Protection:SELF-CNTND BRTHG APP OR HOSE MASK.

Ventilation:COMPLETE ENCLOSURE, WITH STRONG NATURAL OR FORCED DRAFT.

Protective Gloves:NEOPRENE,LONG

Eye Protection:CHEM GOGGLES/FACE SHIELD

Other Protective Equipment:FULL BODY COVER,HAT;RUBBER SHOES W NEOPRENE SOLES.

Supplemental Safety and Health

CHEM NAME: MIXTURE OF HYDROFLUORIC ACID & AMMONIUM FLUORIDE;CHEM

FAMILY:INORGANIC ACID & INORGANIC SALTS.

Chemical Properties

HCC:C1

Boiling Pt:B.P. Text:>230F,110C
Vapor Pres:0.4
Vapor Density:0.7
Spec Gravity:1.15
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS,FUMING LIQUID; SHARP PENETRATING ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
FLUORINE;AS*2O*3;P*2O*S; ALKALIES;SOME METALS.
Stability Condition to Avoid:HIGH TEMPERATURES,>125F, EMITS HF GAS WHEN HOT.

Disposal

Waste Disposal Methods:MUST BE IN FULL REGULATORY COMPLIANCE; SM
SPILL:NEUTRALIZE & FLUSH DOWN SEWER OR SANITARY LANDFILL; LG
SPILL:NEUTRALIZE FOR FLUSH DOWN SEWER WITH LARGE VOLUMES OF H*2O.

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.