

HYDROFLUORIC ACID, ANHYDROUS

MSDS Number

BCBDX

National Stock Number

6810-00K000609

Product Name

HYDROFLUORIC ACID, ANHYDROUS

Manufacturer

ALLIED CHEMICAL CO

Product Identification

Product ID: HYDROFLUORIC ACID, ANHYDROUS

MSDS Date: 01/01/1987

FSC: 6810

NIIN: 00K000609

MSDS Number: BCBDX

Responsible Party

ALLIED CHEMICAL CO.

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: 100%

OSHA PEL3 PPM/6 STEL (F)

ACGIH TLV: C 3 PPM (F); 9192

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

Effects of Overexposure: INH: MILD EXPSR-CAN IRRIT NOSE, THROAT/RESP SYS & SEV EXPSR CAN BURN THESE: ING: SEV MOUTH*SEE SUPP DATA

First Aid

First Aid: SKIN/EYES: PROMPTLY FLUSH W PLENTY OF WATER FOR AT LEAST 15 MIN. IMMEDIATELY GET MED HELP; ING: DO NOT INDUCE VOMIT. DRINK WATER FOLLOWED BY MILD OR 2-OZ OF MILK OF MAGNESIA. GET MED ATTN; INH: MOVE TO FRESH

AIR.GI VE OXY.EFFECTS MAY BE DELAYED,GET MED ATTN IMMED.

Fire Fighting

Flash Point:NONE

Extinguishing Media:WATER SPRAY,FOG,FOAM FOR LG FIRES & CO*2,DRY CHEM FOR SM FIR

Fire Fighting Procedures:HF VAP WILL BE RELEASED FM RUPTURE CNTNR,WEAR PROTEC EQUIP

Unusual Fire/Explosion Hazard:GIVES FLAMM/EXPLOSVE GAS(H*2)W/CERTAIN METLS.GIVES HEAT W/MANY SUGS.EXCESS HEAT MAY EXPLOSDE CONTNRS

Accidental Release

Spill Release Procedures:EVACUATE AREA.WEAR PROTECTV EQUIP.STOP LEAK W/O RISK.DISCHARGE WILL ORDINARILY BE A VAPOR OR LIQ THAT RAPIDLY VAPORIZES.FULL PROTECTIVE EQUIP MUST BE USED BY THOSE TREATING SPILL.DIKE AREA & PUMP LIQ INTO A SUITABLE CNTNR AS SOON AS POSS &NEUTRALIZE

Handling

Handling and Storage Precautions:STORE IN A COOL WELL-VENTILATED AREA.DO NOT STORE IN OR NEAR METAL CONTNRS.USE PROTEC EQUIP.SAFETY SHOWER/EYE WASH FACILITY SHOULD BE AVAIL IN STORAGE

Other Precautions:.AVOID SKIN/EYE CONTACT.IN CASE OF FIRE,HF WILL COME OFF FROM RUPTURED CNTNRS,WEAR SELF CNTND BRTHG APP;WEAR ACID RESIST EQUIP DURING NORMAL USE;USE WATER SPAY TO COOL EXPOSED CONTAINERS.

Exposure Controls

Respiratory Protection:USE SELF-CNTND BREATHNG APP JOINTLY APPROVD BY NIOSH/MESA

Ventilation:MECHANICAL(GEN).SUFF TO REDUCE HF CONCENTRATION BELOW TLV.

Protective Gloves:RESISTANT

Eye Protection:CHEM SAFTY GOGG/FACESHILD

Other Protective Equipment:PROTECTIVE CLOTHING & BOOTS.

Supplemental Safety and Health

MSDS FROM ALLIED CHEM CO.,DATED:9/85;CONTD EXPOSURE:THROAT/STOMACH BURN.CAN BE FATAL;SKIN:LIQ/VAP CORROSIVE TO SKIN.PENETRATES & DAMAGES TISSUE/BONE;EYES:LIQ/VAP CAN IRRIT OR CORNEAL DAMAGE.

Chemical Properties

HCC:C1

Boiling Pt:B.P. Text:67F,19.54C

Vapor Pres:776

Vapor Density:2.3

Spec Gravity:0.980

Evaporation Rate & Reference:>1.0(BU-ACETATE=1

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID,FUMES IN AIR,SHARP PUNGENT ODOR.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

GLASS,CONCRETE/SILICON,CERTAIN METLS,OXIDEIZERS/FLAM MATL

Stability Condition to Avoid:SOURCE OF HEAT

Hazardous Decomposition Products:HF(GAS/MIST),H*2,F

Disposal

Waste Disposal Methods:TREAT SM AMTS BY ADDING TO EXCESS H*2O & NEUTRLZE W/LIME SLURRY,LIMESTONE/SODA ASH.DISPOSE OF RESIDUE/SLURRY BY REMOVL TO AN APPRVD CHEM WASTES LANDFILL BY AN APPRVD CONTRACTOR IAW EXISITNG REGS.AS WA STE DISPOSAL METHODS VARY,CONTACT SUPPLR FOR INFO.

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