FLUOBORIC ACID

MSDS Number

BBGNG

National Stock Number

6810-00F000396

Product Name

FLUOBORIC ACID

Manufacturer

ELF ATOCHEM NORTH AMERICA INC AGCHEM DIV

Product Identification

Product ID:FLUOBORIC ACID
MSDS Date:05/01/1978
FSC:6810
NIIN:00F000396
MSDS Number: BBGNG

Responsible Party

ELF ATOCHEM NORTH AMERICA INC AGCHEM DIV

2000 MARKET ST

PHILADELPHIA , PA 19103-3222

US

Emergency Phone: 409-779-0060/215-419-7667

Info Phone: 215-419-7667/409-779-0060

Cage: 86460

Contractor

ELF ATOCHEM NORTH AMERICA INC

PHILADELPHIA, PA 19103-3222

US

800-245-5858

Cage: 86460

Ingredients

HYDROGEN TETRAFLUOROBORATE (HYDROFLUOBORIC ACID)

CAS: 16872-11-0

RTECS: ED2685000

Fraction By Weight: 48-50%

OSHA PEL2.5 MG/CUM (F)

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 50 - 55%

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES/SKIN: MAY CAUSE BURNS UPON CONTACT. INHALATION: VAPORS MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, BURNS.

First Aid

First Aid:EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: FLUSH W/LARGE AMOUNTS OF WATER FOLLOWED BY A THOROUGH WASHING W/SOAP & WATER. INGESTION: NEVER GIVE FLUIDS/INDUCE VOMITING IF UNCONSCIOUS/H AVING CONVULSIONS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Extinguishing Media:WATER SPRAY, CO2, DRY CHEMICAL.
Fire Fighting Procedures:WEAR A SCBA.
Unusual Fire/Explosion Hazard:EMITS HIGHLY TOXIC FUMES WHEN HEATED.

Accidental Release

Spill Release Procedures:MAY INJURE AQUATIC LIFE IF DISHCARGED TO OPEN WATERS. NEUTRALIZE MATERIAL. COVER W/SAND & PLACE IN SUITABLE CONTAINER FOR DISPOSAL.
Neutralizing Agent:SODIUM CARBONATE/EQUAL MIXTURE OF SODA ASH & SLAKED LIME

Handling

Handling and Storage Precautions:NORMAL WAREHOUSE STORAGE. KEEP CONTAINER CLOSED. USE W/ADEQUATE VENTILATION. DON'T GET IN EYES, ON SKIN/CLOTHING. AVOID BREATHING MIST.

Exposure Controls

Respiratory Protection:NOT NORMALLY REQUIRED.
Ventilation:LOCAL EXHAUST: RECOMMENDED. MECHANICAL (GENERAL): REQUIRED.
Protective Gloves:RUBBER
Eye Protection:CHEMICAL WORKERS GOGGLES, FACE SHIELD
Other Protective Equipment:RUBBER APRON, BOOTS
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. REMOVE & DISCARD CONTAMINATED SHOES. WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:266F
Vapor Density:>1
Spec Gravity:1.369
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS, STRONGLY ACETIC LIQUID.

Stability

Stability Indicator/Materials to Avoid:YES
ALCOHOLIC METALS.
Hazardous Decomposition Products:BY HEATING: HIGHLY TOXIC FUMES.

Disposal

Waste Disposal Methods:DISPOSE OF AS SOLID WASTE IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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