



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/PLENTHY 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/HAVING 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 DISCHARGED 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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