

INT'L MINERAL & CHEM (UNISOL CHEM,DISTR) -- HFS ACID -- 6810-00-935-5817

===== Product Identification =====

Product ID:HFS ACID

MSDS Date:01/01/1987

FSC:6810

NIIN:00-935-5817

MSDS Number: BFXRQ

=== Responsible Party ===

Company Name:INT'L MINERAL & CHEM (UNISOL CHEM,DISTR)

Emergency Phone Num:(312)566-2600

CAGE:4U454

=== Contractor Identification ===

Company Name:INT'L MINERAL & CHEM (UNISOL CHEM
,DISTR)

CAGE:4U454

===== Composition/Information on Ingredients =====

Ingred Name:HYDROFLUOSILICIC ACID (CAS:16961-83-4)

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RTECS #:VV8225000

Fraction by Wt: >23%

===== Hazards Identification =====

Effects of Overexposure:INHAL:RESP TK BURNS,INFLAM; SKIN/EYE:BURNS;
INGEST: BURNS, H.TOXIC.

===== First Aid Measures =====

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR, IF BRTHNG

DIFF GIVE OXYGEN. CONTACT:IMMED FLUSH EYES W/PLENTY OF WATER, WASH
SKIN W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST: DO NOT
INDUCE VOMITI NG. DRINK LG AMT MILK. GET MED ATTN.

===== Fire Fighting Measures =====

Flash Point:NONE

Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:STOP LEAK UTILIZING PROTECTIVE SAFETY
EQUIPMENT. NEUTRALIZE W/

SODA ASH OR LIME.

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Handling and Storage
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Handling and Storage Precautions:AVOID STORAGE IN GLASS CONTAINERS.
MATERIAL IS CORROSIVE TO GLASS & STONEWARE.

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Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH/MESA APPROVED CHEMICAL FILTER OR SCBA IN
EMERGENCY

Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE
VENTILATION

Protective Gloves:RUBBER,CORR RES

Eye Protection:CHEM SPLASH GOGG
LES

Other Protective Equipment:SUITABLE PROTECTIVE APRON OR ACID RESISTANT
CLOTHING.

Supplemental Safety and Health

FOR OTHER INFORMATION USE PHONE:312-564-8600

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Physical/Chemical Properties
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HCC:C1

Boiling Pt:B.P. Text:226F/108C/D

Spec Gravity:1.2

Solubility in Water:COMPLETE

Appearance and Odor:PALE YELLOW AQUEOUS SOLUTION WITH PUNGENT ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:Y

ES

SULFURIC ACID

Stability Condition to Avoid:AVOID AIR EXPOSURE

Hazardous Decomposition Products:SILICON TETRAFLUORIDE GAS IS PRODUCED
ON CONTACT W/ H*2OSO*4

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Disposal Considerations
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Waste Disposal Methods:AFTER NEUTRALIZATION, DISPOSE AS NA OR CA
FLUOSILICIC WASTE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL
LAWS.

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