

OCTAGON PROCESS,INC -- FLUOSILICIC ACID -- 6810-00-935-5817

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Product Identification
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Product ID:FLUOSILICIC ACID

MSDS Date:01/01/1987

FSC:6810

NIIN:00-935-5817

MSDS Number: BFXRV

=== Responsible Party ===

Company Name:OCTAGON PROCESS,INC

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-945-9400

Emergency Phone Num:201-945-9400

CAGE:DO973

=== Co

Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

Company Name:OCTAGON PROCESS,INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Phone:201-945-9400

CAGE:DO973

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Composition/Information on Ingredients
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Ingred Name:HYDROFLUOSOLICIC ACID

CAS:16961-83-4

RTECS #:VV8225000

Fraction by Wt: 23%

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Hazards Identific

ation =====

Effects of Overexposure:VAPOR CAUSES IRRITA OF EYES & RESPIR TRACT.
SKIN & EYE CONTACT CAUSES SEVERE BURNS.

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

First Aid:EYES-FLUSH W/WATER 15 MIN. SEE PHYS. SKIN-REMOVE CONTAM
CLOTHING,FLUSH SKIN W/WATER,SEE DOC. INHAL-GET TO FRESH AIR.
INGEST-DRINK LGE QTY WATER;THEN DRINK MILK OR MILK OF MAGNESIA. GET
MED ATTN.

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

Extinguishing Media:NON-FLAM

Fire Fighting Procedures:AVOID DIRECT CONTACT W/WATER;ONLY USE WATER TO
COOL CONTAINR

Unusual Fire/Explosion Hazard:WILL ATTACKMETAL & RELEASE HYDROGEN (FLAM
& EXPLOS)

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

Spill Release Procedures:ZONE OFF CONTAM AREA. NEUTRALIZE W/LIME TO PH
7 & FLUSH AWAY WITH WATER.

===== Handling and Storage =====

Handling and Storage Precautions:WILL ATTACK GLASS &
MATLS CONTAINING

SILICA LIKE CONCRETE,TILE PIPE,CAST IRON. SAFETY SHOWERS & EYE WASH
FOUNTAINS SHOULD BE NEARBY.

Other Precautions:"NO SMOKING" REGS MUST BE ENFORCED BECAUSE OF POSS
PRESENCE OF HYDROGEN.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:ACID RESPIRA OR SLF-CONTND AIR PACK W/FULL FACE
PIECE.

Ventilation:LOCAL EXHAUST

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:RUBBER STEEL TOED SAF S

OES;FULL RUBBER SUIL
IF EXPOSE SEVERE
Supplemental Safety and Health
MSDS NOT DTD

===== Physical/Chemical Properties =====

HCC:C1
Boiling Pt:B.P. Text:220F/104C
Spec Gravity:1.22
Solubility in Water:COMPLETE
Appearance and Odor:WATER WHITE TO STRAW YELLOW LIQ,ACRID ODOR
Percent Volatiles by Volume:80

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
CARBON STEEL,SILICA BEARING MATLS,ALKALIES
Stabilit
y Condition to Avoid:HEAT
Hazardous Decomposition Products:HYDROFLUORIC ACID,SILICON
TETRAFLUORIDE

===== Disposal Considerations =====

Waste Disposal Methods:MATL IS HAZ WASTE UNDER RCRA DUE TO CORROSIVITY.
COMPLY W/LOCAL ENVIRON REGS CONCERNING DISPOSAL. SPILL MAY BE
REPORTABLE TO STATE AGENCIES.

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