

CHEMICALS CO -- FLUORINE, LIQUEFIED 99% -- 9135-00-823-8122

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Product Identification  
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Product ID:FLUORINE, LIQUEFIED 99%

MSDS Date:01/01/1987

FSC:9135

NIIN:00-823-8122

MSDS Number: BFRFK

=== Responsible Party ===

Company Name:CHEMICALS CO/MORRISTOWN, N.J. 07960

Address:COLUMBIA RD & PARK AVE

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

CAGE:MO054

=== Contractor Identification ===

Compan

y Name:ALLIED CHEMICAL INDUSTRIAL CHEM DIV

Address:COLUMBIA RD & PARK AVE

Box:City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Phone:201-455-2145

CAGE:72658

Company Name:CHEMICALS CO/MORRISTOWN, N.J. 07960

Address:COLUMBIA RD & PARK AVE

Box:City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

CAGE:MO054

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Composition/Information on Ingredients  
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Ingred Name:FLUORINE (SARA III)

CAS:7782-41-4

RTECS #:LM6475000

Fraction by Wt: 99%

OSHA PEL:0.1 PPM

ACGIH TLV:1 PPM/2 STEL; 9192

EPA

Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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

Effects of Overexposure:IRRITATION OF EYES/NOSE/RESP TRACT. SEVERE  
DAMAGE TO THE LUNGS/PULMONARY EDEMA/BRONCHIAL PNEUMONIA

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

First Aid:EYES: WASH WITH WATER 15 MINUTES & CALL PHYSICIAN.  
INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE  
ARTIFICIAL RESPIRATION & CALL PHYSICIAN. IF BREATHING IS DIFFIC  
ULT,  
GIVE OXYGEN. SKIN : WASH W/WATER AT LEAST 15 MINS, CALL PHYSICIAN.

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

Extinguishing Media:WATER FOG, DRY CHEMICALS  
Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:THE GAS FORMS EXPLOSIVE MIXTURES  
W/WATER/AMMONIA/HYDROGEN/ORGANIC VAPORS/MAY IGNITE SPONTANEOUSLY.

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

Spill Release Procedures:EVACUATE AREA, USE MAX  
IMUM VENTILATION & ALLOW  
TO DISSIPATE. AREA MAY LATER BE CLEAN WITH DRY, POWDERED SODIUM  
CARBONATE.

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

Handling and Storage Precautions:NON-FLAMMABLE GAS. HOWEVER, THE DOT  
PLACARDS REQUIRED ARE "POISON" & "OXIDIZER."  
Other Precautions:ALL PROTECTIVE EQUIPMENT SHOULD BE WASHED IMMEDIATELY  
UPON CONTAMINATION. ANY CONTAMINATED NON-IMPERVIOUS CLOTHING MUST  
BE ROVED IMMEDIATELY.

===== Exposure Controls/Pe  
rsonal Protection =====

Respiratory Protection:THE USE OF AIR-SUPPLIED RESPIRATORS (NIOSH  
APPROVED) IS RECOMMENDED  
Ventilation:LOCAL, FLOOR FANS IN AREAS WHERE FLUORINE LEAKS ARE POSS  
Protective Gloves:NEOPRENE/RUBBER  
Eye Protection:SAFETY GLASSES/FACESHIELD  
Other Protective Equipment:BOOTS (NEOPRENE OR BUTYL RUBBER), EYEWASH &  
SHOWER.

Supplemental Safety and Health  
MSDS DATE: 07/80. MOLECULAR WEIGHT: 38.00

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

HCC:G4

Boiling Pt:B.P. Text:-188C

Vapor Density:1.31

Spec Gravity:1.14

Evaporation Rate & Reference:(ETHER = 1)