

BARTLETT CHEMICALS -- HYDFLF, HYDFLO, HYDFLI, HYDFLA, HYDFLLM HYDROGEN FLUORIDE SOLN -- 6810-00-236-5671

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Product Identification
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Product ID: HYDFLF, HYDFLO, HYDFLI, HYDFLA, HYDFLLM HYDROGEN FLUORIDE SOLN

MSDS Date: 09/21/1994

FSC: 6810

NIIN: 00-236-5671

MSDS Number: BXDNG

=== Responsible Party ===

Company Name: BARTLETT CHEMICALS

Address: 4955 RIVER ROAD

Box: 10710

City: JEFFERSON

State: LA

ZIP: 70121

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Country: US

Info Phone Num: 504-734-1971/800-238-0001

Emergency Phone Num: 800-424-9300 (CHEMTREC)

CAGE: 1V771

=== Contractor Identification ===

Company Name: BARTLETT CHEMICALS

Address: 4955 RIVER ROAD

Box: 10710

City: JEFFERSON

State: LA

ZIP: 70121

Country: US

Phone: 504-734-1971

CAGE: 1V771

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Composition/Information on Ingredients
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Ingred Name: HYDROFLUORIC ACID

CAS: 7664-39-3

RTECS #: MW7875000

Fraction by Wt: 70%

Other REC Limits: NONE RECOMMENDED

EPA Rpt Qty: 100 LBS

DOT Rpt Qty: 1

00 LBS

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

LD50 LC50 Mixture:LD50, (IHL-RAT) 1276PPM/HR

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:YES

Health Hazards Acute and Chronic:ACUTE:EXTREMELY IRRIT & CORR TO SKIN & MUC MEMBRANES.INHAL:VAP ULCERS OF UPPER RESP TRACT.SEVERE SKIN BURNS WHICH MAY BNOT BE IMMED VISIBLE/PAINFUL.CHRONIC:SEVERE SKIN BURNS-SLOW IN HEALING.PENETRATES SKIN & ATTACK UNDER

LYING TISSUES

& BONE.AFFECTED TISSUE MAY BECOME BLANCHED & BLOODLESS.GANGRENE MAY FOLLOW.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:LISTED BY ACGIH & OSHA.

Effects of Overexposure:CORNEAL BURNS, PAIN BEHIND BRESTBONE, COUGH, SPITTING BLOOD, DIFFICULT BREATHING, SHOCK, MUSCLE SPASMS, CONVULSIONS & DEATH MAY RESULT.

Medical Cond Aggravated by Exposure:DERMIATITIS, ALLERGIES, ULCERS & RESP DISORDERS SUCH AS EMPHYSEMA AND ASTHMA.

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===== First

Aid Measures =====

First Aid:INHAL:REMOVE IMMED TO FRESH AIR.CALL PHYSICIAN IMMED.STOP BREATH GIVE ART RESP.DIFFI BREATH GIVE OXY.DO NOT GIV E STIMULANTS UNLESS INSTRUCTED BY DR.EYE:IRRIGATE @LEAST 15MINS W/VAST AMTS OF WATER OPE NING EYELIDS.CALL PHSYICIAN IMMED(EYE SPECIALIST).NO DR APPLY 0.5%PONTOCAINE HYDROCHLORIDE SOLN & IRRIGATION AGAIN FOR 15MINS.USE NO OTHER SOLN/OINTMENTS UNLESS DIRECTED BY DR.SKIN:DRENCH VICTIM (SUP)

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Fire Fighting Measures =====

Flash Point:NOT FLAMMABLE

Extinguishing Media:CO2,DRY CHEMICAL,FOAM,EXTINGUISHER OR WATERSPRAY.DO NOT USE SOLID WATERSTREAMS NEAR RUPTURED TKS/SPILLS.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR NIOSH APPROVED SELF-CONTAINED ACID SUITS.

Unusual Fire/Explosion Hazard:RXS VIOLENTLY W/WATER SPLATTERING ACID ON TO PEOPLE.CAN GENERATE HYDROGEN GAS ON CONTACT W/CERTAIN METALS.CONSIDERABLE HEAT GENERATED ON CONTACT W/ (SUPPLEMENT)

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

Spill Release Procedures: PERSONNEL SHOULD BE WELL TRAINED IN SAFETY PROCEDURES FOR HANDLING PRODUCT. ADEQUATE VENTILATION IS NECESSARY. WEAR NIOSH APPROVED SELF-CONTAINED ACID SUIT. CONTAIN SPILL ASAP. ANY RELEASE TO ENVIRONMENT MAY BE SUBJECT TO FEDERAL &/OR STATE REPORTING REQUIREMENTS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:

DO NOT BREATHE VAPOR/MIST. USE ONLY WITH ADEQUATE

VENTILATION. AVOID ALL SKIN/EYE/CLOTH CONTACT. DO NOT ADD WATER TO ACID - GREAT AMOUNT OF HEAT GENERATED & REACTION VIOLENT.

Other Precautions: STORE IN APPROVED CONTAINERS ONLY. STORE IN COOL WELL VENTILATED AREA. FALM HYDROGEN GAS GENERATED IN METAL STORAGE CONTAINERS. DIKING OF STORAGE TANKS IS RECOMMENDED. CORROSIVE TO MANY MATERIALS INCLUDING LEATHER, RUBBER & MANY ORGANICS.

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

Respiratory Protection:

WHERE REQUIRED USE RESPIRATOR APPROVED BY NIOSH FOR HF

GAS/MIST AS APPLICABLE. SOME EXPOSURE (TANK CLEANING, ETC) MAY REQUIRE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS OR AIR-SUPPLIED RESPIRATOR.

Ventilation: SUFFICIENT TO REDUCE VAPOR/ACID MISTS