Fisher Hydroflouric Acid, 47-51%

INGREDIENTS	CAS NO	%	8HR OEL
hydrofluoric acid	7664-39-3	47-51	N/A
water	7732-18-5	49-53	-

UN No: **1790**
Hazchem Code: **2X**
DG Class: **8**
Subsidiary Risk: **6.1**
Packing Group: **II**
Poisons Schedule: **S7**

NFPA Rating:
- **0:** Minimum
- **1:** Low
- **2:** Moderate
- **3:** High
- **4:** Extreme

HEALTH HAZARD INFORMATION

Acute Health Effects:	Very toxic by inhalation, in contact with skin and if swallowed. Causes severe burns. Risk of serious damage to eyes.

PRECAUTIONS FOR USE

Appropriate engineering controls:	Local Exhaust Ventilation recommended.
Glasses:	Consider chemical goggles. Consider full face-shield.
Gloves:	1.NEOPRENE 2.NATURALRUBBER
Respirator:	Type B-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)
Storage and Transportation:	Restrictions on Storage apply. Refer to Full Report.
Fire/Explosion Hazard:	Vapours/gas heavier than air. Toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen.

PROPERTIES

Liquid.
Mixes with water.
Corrosive.
Acid.Does not burn.

EMERGENCY

FIRST AID

Swallowed:	Give water (if conscious). URGENT MEDICAL ATTENTION.
Eye:	Wash with running water (15 mins). Medical attention.
Skin:	Remove contaminated clothing. Flood with water. Apply CALCIUM gel. Give CALCIUM tablets.
Inhaled:	Fresh air. If breath shallow give oxygen. Give 6 CALCIUM gluconate/carbonate tabs. Medical attention. Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention. Give 6 CALCIUM tablets if conscious.
Advice To Doctor:	Treat symptomatically. GI absorption may be retarded with milk. Hypocalcemic patients - calcium gluconate. Burns may require subcutaneous injections of calcium gluconate.
Fire Fighting:	Keep surrounding area cool. Water spray/fog.
Spills and Disposal:	Prevent from entering drains. Contain spillage by any means. Absorb with dry agent. Neutralize with soda ash/ lime. Stop leak if safe to do so.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

Flammable	Explosive	Radioactive	Oxidizing
x	x	x	x

x — *Must not be stored together*