

## HYDROGEN FLORIDE

INGREDIENTS	CAS NO	%	8HR OEL
hydrogen fluoride	7664-39-3	>99.9	N/A



UN No: **1052**  
 Hazchem Code: **2XE**  
 DG Class: **8**  
 Subsidiary Risk: **6.1**  
 Packing Group: **I**  
 Poisons Schedule: **AS7I**



## NFPA Rating:

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

## PROPERTIES



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

## EMERGENCY



## FIRST AID

<b>Swallowed:</b>	Give water (if conscious). <b>URGENT MEDICAL ATTENTION.</b>
<b>Eye:</b>	Wash with running water (15 mins). Medical attention.
<b>Skin:</b>	Remove contaminated clothing. Flood with water. Apply <b>CALCIUM</b> gel. Give <b>CALCIUM</b> tablets.
<b>Inhaled:</b>	Fresh air. If breath shallow give oxygen. Give 6 <b>CALCIUM</b> gluconate/carbonate tabs. Medical attention. Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention. Give 6 <b>CALCIUM</b> tablets if conscious.
<b>Advice To Doctor:</b>	Burns may require subcutaneous injections of calcium gluconate.
<b>Fire Fighting:</b>	Keep surrounding area cool. Water spray/fog.
<b>Spills and Disposal:</b>	Spilled liquid has low temperature and evaporates quickly. Consider evacuation. Prevent from entering drains. Contain spillage by any means. Control vapour with water spray/ fog. Absorb with dry agent. Neutralize with soda ash/ lime. Stop leak if safe to do so. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable Explosive Radioactive Oxidizing

x x x x

x — Must not be stored together

## HEALTH HAZARD INFORMATION



## Acute Health Effects:

Very toxic by inhalation, in contact with skin and if swallowed.  
 Causes severe burns.  
 Irritating to respiratory system.  
 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. BUTYL/NEOPRENE 2. NEOPRENE

## 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.  
 Keep locked up.  
 Keep out of reach of children.  
 Keep in a cool place.  
 Keep away from living quarters.  
 Keep away from food, drink and animal feeding stuffs.

## Fire/Explosion Hazard:

Vapours/gas heavier than air.  
 Toxic smoke/fumes in a fire.  
 Attacks metals to liberate hydrogen.  
 In case of fire and/or explosion, **DO NOT BREATHE FUMES.**