



# Hydrofluoric Acid, aqueous

fluohydric acid; fluoric acid; hydrogen fluoride, aqueous

**DANGER! CORROSIVE! TOXIC!**

## Emergency Overview:

Clear, colorless liquid. Corrosive, causes severe burns to eyes/skin/ respiratory tract. Toxic! Pain may not be immediate, but begins as hydrogen fluoride penetrates deep to the bone. Chronic exposure can cause irreversible bone damage.

**Precautionary Measures:** Avoid exposure to skin. Wear protective clothing: Goggles, Face Shield, Gloves, Full Suit, Boots.

**First Aid Procedures:** Inhalation: Remove to fresh air, support breathing. Eyes/Skin: Remove contaminated clothing. Flush with plenty of water for at least 15 minutes. Apply calcium gluconate (2.5%) to skin. Ingestion: Do not induce vomiting. Consult physician immediately!

**Fire Procedures:** Noncombustible. Use extinguishing agents suitable for surrounding area.

**Spill Procedures:** Notify safety personnel, isolate and ventilate area, deny entry, stay upwind. Neutralize spill with sodium carbonate/slaked lime mixture. Thoroughly wash all porous surfaces with ammonia. Cleanup crew should protect against exposure.

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