

HYDROFLUORIC ACID

HAZARDS

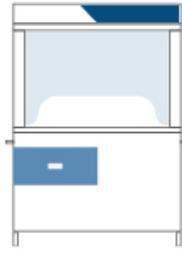


ACUTELY TOXIC IF INHALED, INGESTED, OR IN CONTACT WITH SKIN

CORROSIVE - CAUSES SEVERE SKIN BURNS & SEVERE EYE DAMAGE

READILY PENETRATES SKIN CAUSING SYSTEMIC EFFECTS

PAIN MAY BE DELAYED, DEPENDING ON CONCENTRATION



SAFE HANDLING

NEVER WORK ALONE

ALWAYS USE A FUME HOOD

PPE:

- Goggles & Faceshield
- Utility neoprene or nitrile glove over exam-style nitrile glove
- Lab coat
- Chemical resistant apron

Emergency Response

RAPID AND IMMEDIATE SKIN & EYE DECONTAMINATION IS CRITICAL

ALWAYS SEEK MEDICAL ATTENTION IMMEDIATELY AFTER AN EXPOSURE

SKIN EXPOSURE

- Remove contaminated clothing
- Rinse area for 5 minutes using the emergency shower or a drench hose
- Apply calcium gluconate gel to affected site, reapplying every 10-15 minutes until EMS arrives
- Use emergency shower or drench hose for 15 minutes if no calcium gluconate is available

EYE EXPOSURE

- Immediately flush eyes in emergency eyewash for 15 minutes

MEDICAL ATTENTION:

- For all eye exposures and significant skin exposures - contact 911 immediately
- All other exposures - follow up at YNHH emergency room after calcium gluconate treatment or emergency shower

Calcium Gluconate Gel Location:

Contact EHS Emergency Line (203-785-3555) for all large spills or those outside a fume hood

Scan QR code for the Hydrofluoric Acid SOP and a list of common chemicals that may generate HF

