**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.