



# Hydrofluoric Acid



Any work involving HF should be performed inside functioning chemical fume hoods. These fume hoods should have polyethylene, polypropylene, or polycarbonate sashes.

# Treatment After HF Exposure

## Spills on open skin areas

- First aid measures **MUST BE** within seconds in the event of HF contact (any form or concentration)
- Rinse with water immediately for 20 minutes apply calgonate (even if there is no pain)
- **SEEK IMMEDIATE MEDICAL ATTENTION AT UIHC EMERGENCY TREATMENT CENTER (ETC)**

## Spills near eyes

- Rinse eyes with cold water for 20 minutes (if calgonate solution is available 5 minutes of cold water and apply calgonate solution)
- **SEEK IMMEDIATE MEDICAL ATTENTION AT UIHC EMERGENCY TREATMENT CENTER (ETC)**

## Ingestion of HF

- Drink large quantities of water and eat 8-12 antacids (TUMS or Rolaids)
- **SEEK IMMEDIATE MEDICAL ATTENTION AT UIHC EMERGENCY TREATMENT CENTER (ETC)**
- **DO NOT INDUCE VOMMITING**



## Waste and spills

- Crushed calcium carbonate tablets can be used to treat a small incidental spill (less than 2mL)
- Dispose of the waste using polyethylene containers
- Avoid spill going down drainage sink
- Dilute neutralized liquid in fume hood and dilute with copious amounts of water
- DO NOT MIX WITH OTHER WASTE

Max fill  
line

