**UNBC Response Plan for Hydrofluoric Acid Exposures**

All labs that possess, store, or handle hydrofluoric acid must have a hydrofluoric acid spill kit and hazard-specific training. Lab personnel cannot use handle hydrofluoric acid without another person present who can provide aid.

Spill kit requirements:

Solvex neoprene gloves (or other resistant glove)

Calcium gluconate gel

A printout of the Honeywell Hydrofluoric Acid: Recommended Medical Treatment for Hydrofluoric Acid Exposure for hand off to paramedics

Response Procedure

* Notify others working the lab of the exposure and the location of the spill.
* Ask someone to immediately call Security **ext 3333** to report a chemical exposure and request emergency help
* Immediately remove all contaminated clothing.
  + Place the clothing out of the way of responding personnel to avoid additional contamination and injuries
* Irrigate the exposed area thoroughly for 30 minutes, washing the rinse water away from the body to avoid spreading the contamination.
  + If using the safety shower, warn responding personnel that the water is contaminated with hydrofluoric acid
* Dry affected area and cover affected skin with coating of calcium gluconate gel and massage it into the skin with a gloved hand (to avoid contaminating skin on hands)
* Provide first responders (paramedics) with the Honeywell Hydrofluoric Acid: Recommended Medical Treatment for Hydrofluoric Acid Exposure

**All hydrofluoric acid exposures must checked by a physician**