

Hydrofluoric (HF) Acid Splash to the Skin

1. Move victim to the chemical shower immediately and pull the shower handle to start the flow of water.
2. Alert everyone in the lab of the HF spill and clear the area.
3. Have the victim take off all their clothes while under the flow of water, or cut their clothes off if in danger of spreading contamination to other parts of their body.
4. Help to keep the victim in the shower for 5 minutes and have them rinse the affected area.
5. Don't touch the victim or let them rub the affected areas, let the rinse water from the shower do the work.
6. While the victim is showering have someone call 911.
 - Your location is UW Engineering Centers Building, 1550 Engineering Drive, 3rd floor room 3039
 - Have someone look for and meet emergency response personnel
 - Stay on the phone with dispatcher until they tell you it is okay to hang up
7. When the victim has been in the shower for 5 minutes have them turn off the shower by pushing the shower handle back up and apply the calcium gluconate gel to the HF contaminated skin area using cleanroom nitrile gloves. The gel is located in a bag hanging from the safety shower handle in the bays with HF in them. Do not rinse off the gel.

8. When the victim is done showering after 5 minutes and they have put on the gel there is a robe and hospital socks in the emergency response cart that they can put on. Do not let the victim put back on any of their contaminated clothing they took off, just leave it where it sits.

9. Have someone locate the MSDS for HF and give it to emergency personnel to take to the hospital with the victim. MSDS are located on the desk in the gown room behind the air shower. Make sure the emergency response personnel know that the spill involves HF.

10. Once the victim is with the emergency personnel, move on to the chemical spill response protocol.

11. Contact a WCAM staff member if one is not present. Phone numbers for WCAM staff are located at the end of this guide, by the phones inside the WCAM cleanroom, and across from the WCAM entrance on the wall.