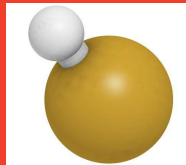


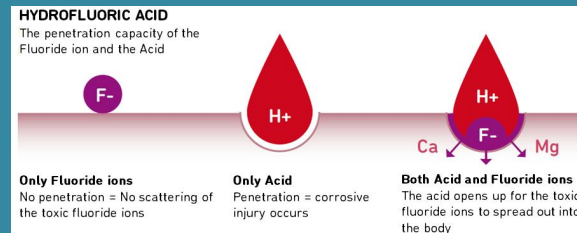
THE DANGERS OF HYDROFLUORIC ACID

What you need to know

About Hydrofluoric Acid



WHILE CONSIDERED A WEAK ACID, IT IS ONE OF THE MOST DANGEROUS INORGANIC ACIDS KNOWN. SAFETY EXPERTS PREFER THAT IT BE CALLED **HF**.



HYDROFLUORIC ACID/HF PENETRATES SKIN TISSUE MORE QUICKLY THAN OTHER ACIDS.



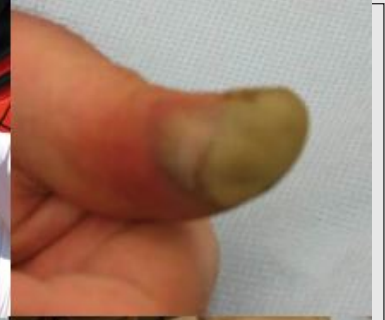
BURNS AS LITTLE AS 1 % OF THE BODY SURFACE AREA/25 SQ. INCHES (APPROXIMATELY THE SIZE OF THE PALM OF A HAND) HAVE BEEN KNOWN TO BE FATAL.

Hydrofluoric Acid Exposure

Hydrofluoric/HF is considered a weak acid but it can form hydrogen bonds. Its molecular structure includes a fluoride bond and is easier absorbed which can cause massive damage to the body.



HF Exposure can happen in an instant!



Long-term health effects of acute exposure to hydrogen fluoride

- People who survive after being severely injured by breathing in hydrogen fluoride may suffer lingering chronic lung disease.
- Skin damage caused by concentrated hydrogen fluoride may take a long time to heal and may result in severe scarring.
- Fingertip injuries from hydrogen fluoride may result in persistent pain, bone loss, and injury to the nail bed.
- Eye exposure to hydrogen fluoride may cause prolonged or permanent visual defects, blindness, or total destruction of the eye.
- Swallowing hydrogen fluoride can damage the esophagus and stomach. The damage may progress for several weeks, resulting in gradual and lingering narrowing of the esophagus.

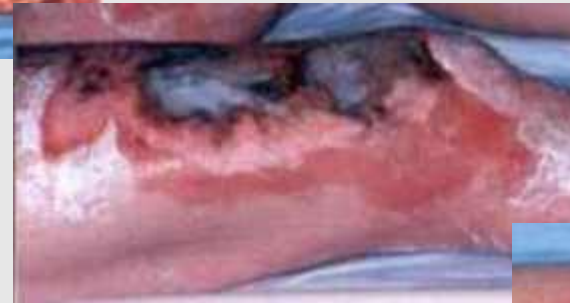


The television series **BREAKING BAD**, may have exaggerated HF's body dissolving effects, but the truth is just as gruesome.

There is no material that is completely resistant to HF degradation.

HF should be stored and used in plastic containers as it slowly dissolves many materials including glass and metal.

Paramedic that was seriously exposed to Hydrofluoric Acid/HF.



Results of an employee who was wearing goggles, a gas mask, and long boots. Being splashed with HF on his lower body. He immediately discarded his clothing and he and his co-workers continuously washed him down with water until the paramedics arrived. After all lifesaving measures were performed over a 10 hour period, the patient did not survive.





BECAUSE WE CARE ABOUT OUR CUSTOMERS AND
THEIR SAFETY, WE WILL NO LONGER SELL PRODUCTS
CONTAINING HYDROFLUORIC ACID.