

# HF Acid Eater™

## FEATURES & BENEFITS

Chemically transforms Hydrofluoric Acid into safe, non-toxic inorganic salts which are disposable in sanitary (waste water) drains eliminating 100% of disposal costs.

A 1:1 neutralization ratio unlike caustic soda and soda ash.

Completely attacks and destroys the Hydrofluoric Acid polymer unlike soda ash and caustic soda which forms bi-fluoride which is a dangerous and poisonous substance.

A liquid medium which can be used to pour on spills and used to remove residue from containers and vertical surfaces as well as being able to use in a variety of settings such as windy and wet conditions.

ph indicators that change colors in the presence of Hydrofluoric Acid and changes colors again when neutralized taking out the guess work.

Does not require special equipment, handling or storage.

Clean-up materials for conventional spills such as socks and pads, are readily dissolved by Hydrofluoric Acid.

## COMPARE

Comparative Issues	HF Acid Eater™	Caustic Soda	Soda Ash	Pads & Socks
Neutralizes the HF Acid	YES	YES	YES	NO
Destroys the HF Polymer	YES	NO	NO	NO
Requires Special Disposal	NO	YES	YES	YES
Forms Hard Residue	NO	YES	YES	NO
Hazardous to Use	NO	YES	YES	NO
Use in Various Conditions	YES	NO	NO	NO

## HYDROFLUORIC FACTS

Hydrofluoric Acid is one of the strongest and most corrosive acids known. Therefore, special safety precautions are necessary when using this chemical. Hydrofluoric Acid is similar to other acids in that the initial extent of a burn depends on the concentration, the temperature, and the duration of contact with the acid. Hydrofluoric Acid differs, however, from other acids because the fluoride ion readily penetrates the skin, causing destruction of deep tissue layers, including bone.

HF exits in a polymer chain. It can be partially neutralized by an alkali, but will not destroy the polymer. The intact polymer can still complex up the calcium in our blood, muscles and nervous system. This complexing action is what poisons and stops the motion of the blood, muscles and nervous system. The only way to stop and break the polymer is to complex the calcium and raise the pH with HF Acid Eater.