

**For more information:**

[www.merckmillipore.com/inorganic-reagents](http://www.merckmillipore.com/inorganic-reagents)

The person bearing this card works with:

**HYDROGEN FLUORIDE / HYDROFLUORIC ACID / INORGANIC FLUORIDES**

**Important notes for the treating physician:**

Persons who have been in contact with Hydrofluoric Acid must be treated not only for the burns caused by the acid but also and, in particular, for the **TOXIC EFFECT of FLUORINE ions!**

Please **call the producer of the Hydrofluoric acid or the Fluorides immediately** to receive further information regarding the treatment of Hydrofluoric Acid burns.

OSHA Center:

Medical Treatment Center:

alternatively:

Local hospital:

Local Poison Control Center:

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Delayed damage may still occur following a symptom-free latent period (lasting 1 - 2 days) !!!

All **corrosive burns produced by concentrated Hydrofluoric Acid** that are larger than the palm of the hand may prove **FATAL** unless proper treatment is given !!!

**TOXIC EFFECT of FLUORIDE IONS:**

**FLUORIDE ions have the ability to bind vital calcium and magnesium in the body.** Where exposure has been extensive, intracellular calcium and magnesium will have been lost, placing the person in mortal danger (e.g. through ventricular fibrillation ).

If a systemic effect is suspected, **urgent supervision and treatment in an intensive care unit is required.**

Info status: 04/05

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