

HEXAFLUORINE®

FIRST AID IN CHEMICAL ACCIDENTS INVOLVING HYDROFLUORIC ACID

Often it is a matter of seconds before risking a permanent injury. Getting to an emergency shower and trying to wash away the corrosive chemical with water may take far too long. Water also lacks neutralizing properties and has a limited ability to dilute the chemical, which requires continuous washing for a long time to achieve the desired effect. During this time the corrosive chemical keeps attacking your body.

With an immediate neutralization we can stop the chemical before it causes permanent damage. The neutralization also affects the clothing as well as the rinsing residues which caters for a safer management of the distressed person as well as simplifying the subsequent cleaning of surfaces and materials.

A DOUBLE SAVIOR

Hexafluorine® is a unique first aid rinsing solution that has been specially developed for use on hydrofluoric acid and its derivatives. It is effective against all acids and is also able to quickly render the poisonous fluoride ion harmless. If allowed to enter into the body, this ion can otherwise cause serious harm by bonding with – among other things – calcium in the body. Hexafluorine's® hypertonic properties mean that it not only prevents the dangerous chemical from penetrating into the tissue of the body, but also helps to draw out the dangerous sub-

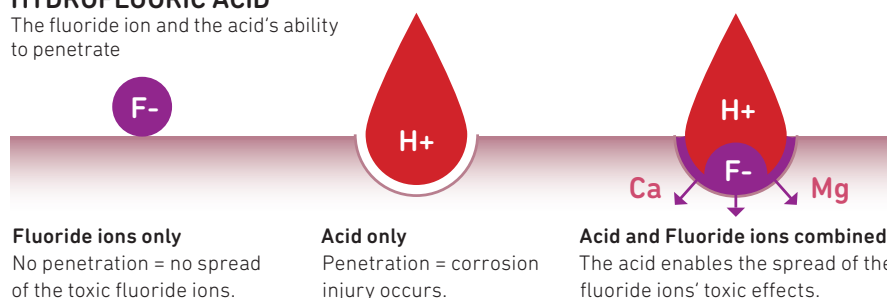
stance already penetrated. Its positive effects are scientifically and practically specified in the Swedish Work Environment Authority's Report 2010: 6. If you are uncertain whether first aid has been administered properly, or if the affected area was washed too late, fluoride ions may have already penetrated into the body. In this case, applying an antidote in the form of calcium gluconate gel/HF-antidote gel may be a suitable next step.

CALCIUM GLUCONATE GEL

Calcium gluconate is traditionally used in hospitals as an antidote for cutaneous exposure to/poisoning from hydrofluoric acid. The treatment mainly aims to provide the body with extra calcium to counteract the imbalance that arises when fluoride ions penetrate into the body and bond with the body's own calcium ions. NOTE: This Calcium gluconate is for external use only; do not use in the eyes.

HYDROFLUORIC ACID

The fluoride ion and the acid's ability to penetrate



QUICK FACTS

For treatment of chemical accidents involving hydrofluoric acid.

 CE-marked Medical Device.

Approved replacement to wall-fixed emergency eye washes and body showers according to the European EN15154-3/4 standard.

Renders quickly both the corrosive acid and the toxic fluoride ion harmless.

For use in the eyes, on the skin, in the oral cavity and in the ear canals.

For single use.

Shelf life 2 years.

"MOST ACCIDENTS DOESN'T HAPPEN, WE LET THEM HAPPEN"



The product is available in different packagings in order to suit your specific work environment; portable or wall-mounted and with or without heating. See next side for examples. For more info: www.medicalcare.se

HEXAFLUORINE®

PRODUCT OVERVIEW



HEXAFLUORINE® BOTTLE / BAG

Art. no. 07-2-16 / 98-2-15

Hexafluorine® is available in a 500 ml bottle, or as a bag with an accompanying tube clamp and eye cup. These are designed as a First Aid treatment and neutralisation of hydrofluoric acid in the eye – to start using within 60 seconds of a chemical splash. The 500 ml bag is recommended for healthcare facilities. Can be supplemented with a combined waist and shoulder bag).



HEXAFLUORINE® RINSING STATION

Art. no. 11-2-14

This wall-mounted rinsing station contains two 500 ml bottles of Hexafluorine®. They are designed to neutralise and wash away smaller chemical splashes, especially in the eyes. The rinsing station can conveniently be supplemented with a 40 g tube of Calcium Gluconate Gel (sold separately).



HEXAFLUORINE® DAP

Art. no. 99-2-55

Hexafluorine® DAP 5 L is a stand-alone, portable emergency shower. It is designed to neutralise and wash away any larger chemical splashes of hydrofluoric acid that extend over the entire body. Treatment must begin within 60 seconds after an accident has occurred.

CALCIUM GLUCONATE GEL



CALCIUMGLUCONAT GEL, TUBE

Art. no. 10-3-50

The tube contains 40 g Calcium Gluconate Gel 2.5%. Shelf life is 3 years from date of manufacture. Designed to treat smaller wounds caused by hydrofluoric acid that are equivalent to the size of the palm of your hand (approx. 1% of the surface area of the body). For external use only; do not use in the eyes. Sold separately, but can be fitted as a supplementary item in the Hexafluorine® Rinsing Station.



CALCIUM GLUCONATE GEL, CAN

Art. no. 07-0-51

The can contains 500 g Calcium Gluconate Gel 2.5%. Shelf life is 3 years from date of manufacture. Designed to treat larger wounds caused by hydrofluoric acid that are equivalent to the size of your arm (approx. 9% of the surface of the body). For external use only; do not use in the eyes. Sold separately.

ACCESSORIES & SPARE PARTS

Hexafluorine DAP 5L, exchange after use	Automatic portable emergency shower, steel, shelf life 2 years; emergency shower for the entire body.	Art.no. 99-2-56	Protective cabinet DAP 5 L, with heating	Protective cabinet in plastic, with heating suitable for cold outdoor environment.	Art.no. 03-0-60V
Hexafluorine DAP 5L, exchange after expiry date	Automatic portable emergency shower, steel, shelf life 2 years; emergency shower for the entire body.	Art.no. 99-2-57	Protective cabinet DAP 5 L, with heating. EX-class.	EX-classed protective cabinet in plastic, with heating suitable for cold outdoor environment.	Art.no. 03-0-60VEX
Protective cabinet DAP 5 L	Protective cabinet, plastic, suitable for both Diphoterine and Hexafluorine.	Art.no. 03-0-60	Waist bag for 500 ml Hexafluorine	Waist/shoulder bag in fabric for Hexafluorine Bag 500ml or Hexafluorine Bottle 500 ml.	Art.no. 07-0-16

The new DAP includes a protective cabinet, an s-cut, chemical resistant gloves and a sign with an eye symbol. Every DAP has a specific identification number. Replacement DAPs include an s-cut and chemical resistant gloves.



MCS produce and distribute high-quality, easily accessible First Aid products for an easy and effective treatment of chemical and thermal burns in the eyes and over the whole body. We also carry out client-specific risk assessments and training, with the goal of spreading knowledge about chemical and thermal hazards and how these can be avoided, as well as the best way of treating the injured person in case of an accident. www.medicalcare.se