

HEXAFLUORINE®

FIRST AID IN CHEMICAL ACCIDENTS INVOLVING HYDRAFLUORIC ACID

It is often a matter of seconds before permanent damage occurs. Taking an emergency shower and trying to rinse off aggressive chemicals with water can take far too long. Water has a limited ability to neutralize chemicals, water can only dilute, which means that continuous rinsing for a long time is required to achieve the desired effect. During this time, the attack of the chemical is ongoing.

With an immediate harmless effect, we have time to stop the chemical before it causes a permanent damage. We also get safer handling of the person in need as chemicals in clothing are also rendered harmless, at the same time as it simplifies the subsequent decontamination of surfaces and equipment.

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 substance 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.



QUICK FACTS

For treatment of chemical accidents involving hydrofluoric acid.

CE 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

Tel: 0157-131 31
www.medicalcare.se

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

* Hypertonic: Hexafluorine attracts fluid out of human tissue.

HYDROFLUORIC ACID

The fluoride ion and the acid's ability to penetrate



The product is available in different designs to suit your particular work environment: portable or wall-mounted and with or without heating. See examples on the next page. For more info: www.medicalcare.se

HEXAFLUORINE® Solution

DAP Portable Emergency Shower



Hexafluorine® DAP 5 L is a portable emergency shower designed to neutralize and rinse off a larger chemical splash of hydrofluoric acid and other acids all over the body. Rinsing should be started within 60 seconds of chemical splashing to minimize the damage. Therefore, place Hexafluorine® DAP near the risk area. Meets the requirements of EN 15154-3/4
Can be supplemented with aluminum cabinets with or without heating.
Shelf life 2 years.

Art nr	Description	Content	
99-2-55	New Portable Emergency Shower	1x5 L rinsing shower incl protective cabinet, gloves, s-cut	
99-2-57	Replacement Portable Emergency Shower	1x5 L rinsing shower incl gloves, s-cut	
10-0-60	Protective cabinet original	Protective cabinet in plastic	
19-0-01	Protective cabinet aluminium	Inside lined with foam rubber	
19-0-01V	Aluminium protective cabinet with heating	Inside lined with foam rubber and heating elements	

Rinsing station for eyes and skin



A Portable dust-, moisture- and dirt-proof rinsing station against hydrofluoric acid and acid mixtures containing fluorides. Contains 2 x 500 ml bottles of Hexafluorine® and 1 x Calcium gluconate gel 40 g.
Including wall holders. Meets the requirements of EN 15154-3/4. Shelf life 2 years. For cold spaces, there is a cabinet with heating elements

Art nr	Description	Content	
21-2-14M	Rinsing station MCS	Cabinet in plastic, 2x500 ml Bottle and 1x40g calcium gluconate gel	
22-2-14V	Heated Hexafluorine® rinsing station	Aluminium cabinet with heating elements, 2x500 ml Bottles, 1x40g calcium gluconate gel, adapter	



The wall-mounted rinse station contains 2 x 500 ml bottles of Hexafluorine®. The content is designed to neutralize and rinse off smaller amounts of hydrofluoric acid and other acids from the body, especially the face and eyes. Rinsing must be started within 60 seconds of chemical splashing to minimize damage. Therefore, place the rinse station near the danger area. Also available with holder and 700 g Trivorex®. For cold spaces there is the cabinet with heating elements. Meets the requirements of EN 15154-3/4
Shelf life 2 years.

Art nr	Description	Content	
11-2-14	Rinsing station	Cabinet in EPP, 2x500 ml Bottles	
11-2-14V	Heated Rinsing station	Cabinet in EPP with heating elements 2x500 ml Bottles	
11-2-14TXP*	Rinsing station with Trivorex®	Cabinet in EPP, 2x500 ml Bottles, holder and 700 g Trivorex®	

HEXAFLUORINE® for eyes and skin



Hexafluorine® Bottle 500 ml is intended to begin First Aid Treatment and decontamination of hydrofluoric acid and other acids in the Eye. Rinsing must be started within 60 seconds of chemical splashing to minimize damage, therefore place the bottles in close proximity to the danger area.
Shelf life 2 Years
Can be supplemented with an associated fabric bag or Clips for Hanging on the wall

Art nr	Description	Content	
07-2-16	Hexafluorine® Bottle 500 ml	500 ml Hexafluorine® for rinsing in eye and skin	
07-0-16	Waist Bag for Bottle 500 ml	Waist/shoulder bag for one bottle 500ml	
15-0-16/26	Clips for wall mounting		

HEXAFLUORINE® Solution

Calcium Gluconate Gel



The can contains 500g of Calcium Gluconate Gel 2.5%. Intended for the treatment of major damage caused by hydrofluoric acid, by the size of an arm (about 9% of the body surface area).

The tube contains 40g of Calcium Gluconate Gel 2.5%. Intended for the treatment of minor damage caused by hydrofluoric acid, the size of a palm (about 1% of the body surface).

Shelf life 3 years from the date of manufacture

Art nr	Description	Content	
07-0-51	Calcium Gloconate gel 500 g	500 g can	
10-3-50	Calcium Gloconate gel 40 g	40 g tube	

Accessories for HEXAFLUORINE® products

19-0-01
19-0-01V



10-0-60



22-2-14V / 17-0-01V



11-2-14TXP*
15-0-701



07-0-16



15-0-16/26



15-001



15-002

