

**PREVENT** TEC

Fluor-Free-Performance

**FireEx<sup>®</sup>**  
**FireEx<sup>®</sup> C-M**  
**FireEx<sup>®</sup> C-Marine**



MADE IN GERMANY

# The END of AFFF



Since decades studies have shown that PFOS is a highly dangerous pollutant. Production of products containing PFOS has been banned in many countries, but exceptions, work around and old stock continue to be a threat to the health of civilians and fire fighters.

More and more historic contaminations of the environment, the groundwater and fire-fighters move into the spotlight and receive attention of the media and the public.

PREVENT TEC® has proven during the last 10 years that fluorine free foam can outperform classic AFFF foams by far, a fact that is largely denied in the industry. Even today the common believe is, that fluorine free foams are inferior in performance. In hundreds of tests and real life applications PREVENT TEC® has shown that fluorine is entirely unnecessary for even the highest performance foams and gels.

PREVENT TEC® produces all high performance products exclusively in Germany. All products exceed expectations with regards to performance, foam stability, avoidance of re-ignition, biodegradability and easy handling. Products that not only shine on land but also at sea in their saltwater and marine versions.

**PERFORMANCE DOES NOT NEED FLUORINE**

## Change

The landscape of fire extinguishing is changing rapidly and due to the discovery of many environmental hazards decision maker are experiencing growing pressure and are made accountable for their decisions. Being legally on the safe side as a decision maker does not necessarily mean that the public opinion agrees with ground water being polluted or fire fighters suffering from cancer. The public

awareness is growing and so is the accountability of todays decision maker in refineries, on air fields, chemical plants, freight ships or cruise liners. Being a roll model and safeguarding the environment can pay back big time and avoid harm from bad press. Times are changing and so are decisions. Today it should be standard to purchase FLUOR FREE. For a change. For our environment.



# THE FLUOR LIE

There are many misconceptions and wrong information in the market and some rumors stick like glue. One of the most common believes even amongst the most experienced experts is, that a class B foam needs fluor compounds of some sort, be it C-8, C-6 or any other in order to produce a so called film-building-agent. Without this the foam would drown in the liquid and would be rendered worthless.

It is commonly claimed, that fluor-free products can not perform the same way like AFFF foams and a solutions for a fluor free film-building-agent has still to be discovered.

**Well, that is a lie.** PREVENT TEC® is producing high-performance class A+B foam since more than 10 years. This foam, suitable with sweet and salt water does not require a film-building-agent and is despite this fact many times more stable and performant than the majority of AFFF foams in the market.

Our product line ifoam does not only exceed most of our customers expectations in real life scenarios, it is also certified according to newest European Standards. For Marine Applications a MED certification based on IMO MSC has been achieved in 2019.

our  **environment** deserves  
**non-toxic** and **fluor free foam**



# Spray FireEx<sup>®</sup> 600



The fire extinguishing spray can FireEx<sup>®</sup> 600 is world wide unique and since years our best seller. Despite the fact, that in many legeslations a spray can will technically not be certified as a fire extinguisher, FireEx<sup>®</sup> 600 will outperform water, foam or powder extinguishers easily. With an unprecedented performance in 5 fire classes (A,B,C, D and F) it will put classic products to shame.



Ideal in households, hotel rooms, boots, tents, caravans, cars, trucks or anywhere where ease of use is paramount as an added measurement of safety, such as in kindergardens, hospitals, elderly homes .



The content of the spray bottle is a non-toxic, fluor free 3rd generation fire-extinguishing gel, which will stick to surfaces and immediately render them non-flameable (DIN certified). The patented spray bottle can be used spraying 360 degrees without loss of presure. The bottle will always be emptied entirely.

The reach of the spray can exceeds 5 meters (16.4 ft.) and therefor gives sufficient distance to an developing fire for the user.

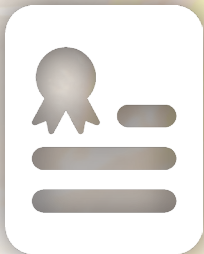
Don't let the small size of the can fool you. FireEx<sup>®</sup> 600 is a truly extinguishing power house, Made in Germany with re-peat customers around the world.

# FireEx<sup>®</sup> 600



## Non-Toxic

Fluor-free, biodegradeable and not harmful for humans or the environment.



## Certified

EN 3-7:2004 + A1:2008 (EU)  
NFS 51 804:2008 (France)  
H.5 BS 6165:2002 Class B (UK)  
DIN ISO 11269-2 biological sound  
DIN 4102 B1 fire retardant  
SASO certified (KSA)



## Powerful

Fire Class A,B,C,D & F, unique in the world. Spray distance up to 16.4ft, and even upside down. No re-ignition, all materials will be rendered fire retardant. 3 year service free shelf live with German manufacturers guarantee.



# Spray FireEx<sup>®</sup> Marine

The fire extinguishing spray can FireEx<sup>®</sup> Marine is world wide unique and our newest addition to the FireEX family. Despite the fact, that in many legislations a spray can will technically not be certified as a fire extinguisher, FireEx<sup>®</sup> Marine will outperform water, foam or powder extinguishers easily. Additionally it has been enforced against the harsh environment at sea and the vibrations caused by ship engines. With an unprecedented performance in 5 fire classes (A,B,C, D and F) it will put classic products to shame.

Ideal in sport boats, house boats, cruise ships, service vessels or the ships galley. Where ever increased safety is needed and ease of use necessary.

The content of the spray bottle is a non-toxic, fluorine free 3rd generation -marine optimized fire-extinguishing gel, which will stick to surfaces and immediately render them non-flameable (DIN certified). The patented spray bottle can be used spraying 360 degrees without loss of pressure. The bottle will always be emptied entirely.

The reach of the spray can exceed 5 meters (16.4 ft.) and therefore gives sufficient distance to an developing fire for the user.

Don't let the small size of the can fool you. FireEX Marine is as powerful as all FireEX products and will improve safety at sea around the world.



# FireEx<sup>®</sup> MARINE

## Non-Toxic

Fluorine-free, biodegradable and not harmful for humans or the environment including sea wildlife

## Certified

EN 3-7:2004 + A1:2008 (EU)  
NFS 51 804:2008 (France)  
H.5 BS 6165:2002 Class B (UK)  
DIN ISO 11269-2 biological sound  
DIN 4102 B1 fire retardant  
SASO certified (KSA)

## Powerful

Marine environment resistant and vibration resistant. Fire Class A,B,C,D & F, unique in the world. Spray distance up to 16.4ft, and even upside down. No re-ignition, all materials will be rendered fire retardant. 3 year service free shelf live with German manufacturers guarantee.





## FireEx<sup>®</sup> C-M Class A+B High-Performance Foam

The non-toxic and fluorine-free high performance foam ifoam can be injected into sweet water at 1-6%. At 3% result as a low expansion

foam is an extremely stable foam, that has 25% higher throw distance, and sticks to surfaces to avoid re-ignition. No hazardous substances will

be washed out of the debris. Easy disposal is possible. Ifoam is the one-for-all solution and can also be used as training foam.



## FireEx<sup>®</sup> C-M Industrial Applications

The non toxic high performance foam ifoam is for all applications in large warehouses, power plants, crude oil storage, refineries, chemical

and petrochemical industry, manufacturing and airports, to name just a few . The foam is easy to use as of its super high performance and

makes fire extinguishing easier and safer even in case personnel is less experienced or trained. Manufactured exclusively in Germany.





## NON TOXIC

---

100% free of toxic substances, fluorine-free, biodegradable



## CERTIFIED

---

EN 1568-3 Performance 1A | DIN ISO 11269-2 Biological Sound |  
DIN 4102 B1 Fire retardant protection



## POWERFUL

---

Class A+B high performance foam, 25% higher throw distance, up to 50% faster extinguishing, 10 times more stable foam, for most demanding applications.



# FireEx<sup>®</sup> C-MA



## FireEx® C-Marine (MED) Class A+B High-Performance Foam

The MED certified non-toxic and fluorine-free high performance foam ifoam Marine can be injected into salt water at 1-6%. As a low expansion

foam at 3% it produces an extremely stable foam, that has 25% higher throw distance, and sticks to surfaces to avoid re-ignition. No hazard-

ous substances will be washed out of the debris. Easy disposal is possible. Not harmful to marine environment. Can be used as training foam.



## FireEx® C-Marine & Oil Platform Application

The MED certified non toxic high performance foam ifoam Marine is for all applications that require MED and IMO MSC certification or the

mixing with salt water. The foam is easy to use as of its super high performance and makes fire extinguishing easier and safer even in case person-

nel is less experienced or trained. Probably the highest performing MED certified and fluorine free foam. Manufactured exclusively in Germany.



## NON TOXIC

---

100% free of toxic substances, fluorine-free, biodegradable



## CERTIFIED

---

IMO MSC 1 Circ. 1312/2009 Corr 1:2011 | EN 1568-3 Performance 1A |  
DIN ISO 11269-2 Biological Sound | DIN 4102 B1 Fire retardant protection



## POWERFUL

---

MED certified class A+B high performance foam, 25% higher throw distance, up to 50% faster extinguishing, 10 times more stable foam, for most demanding applications.



# FireEx<sup>®</sup> C-MARINE



**PREVENT** TEC

## ABOUT PREVENT TEC®

PREVENT-TEC SLOVENIJA

TRUBARJEVA ULICA 55A

3000 CELJE

SLOVENIJA

Telephone number: +386 (0) 40 886 882

E-mail adress: [info@prevent-tec.si](mailto:info@prevent-tec.si),  
[info@prevent-tec.org](mailto:info@prevent-tec.org)  
[info@prevent-tec.hr](mailto:info@prevent-tec.hr)

Web page: [www.prevent-tec.si](http://www.prevent-tec.si) - with ENG and HR extension



MADE IN GERMANY