

Firefighting Foam

for airports



Fire fighting foams for airports

Dafo Fomtec AB is a global manufacturer of fire fighting foam concentrates, portable and fixed fire fighting equipment and powder.

Dafo Fomtec AB is known worldwide for its high quality range of ICAO foams certified for use in civil aviation and on airports.

Regardless, of your fire fighting application Dafo Fomtec has the right foam to cover your needs. Dafo Fomtec AB is accredited to ISO 9001, by DNV.



Foam requirements for use at airports

Airports have unique operational requirements. Incidents are critically life threatening and not only risk to assets. There is no margin for errors and buying foam to a specification is not sufficient. A total airport foam management policy should be formulated.

Crash and rescue

To comply with ICAO standards requirements, foams must meet the performance level defined in ICAO approval. The primary extinguishing agent should be foam which meets ICAO level B or level C. The type of foam is not specified, but for fast extinguishment it needs to be film forming, such as AFFF or FFFP.

Hangars

The recommendations for foam systems in hangars are specified in NFPA 402. NFPA 409, general standard for sprinkler systems should also be consulted. Depending on the system, foams can be used as low, medium and high expansion.

Helidecks

The design of foam systems for use on helidecks is covered by NFPA 418. Foam which meets the ICAO performance levels should be used.

Fomtec ICAO approved foams

Synthetic film forming foam

- Fomtec AFFF 3% ICAO
- Fomtec AFFF 6% ICAO
- Fomtec AFFF 1% Ultra LT
- Fomtec AFFF 3% Ultra LT
- Fomtec AFFF 6% Ultra LT
- Fomtec AFFF 3% M

Protein film forming foam

- Fomtec FFFP 3% ICAO
- Fomtec FFFP 6% ICAO

Fluorine free foam

- Fomtec Enviro 3% ICAO

Multipurpose foam

- Fomtec LS aMax (ICAO level B, EN 1568 parts 1, 2, 3, 4)



Recommended Fomtec foam for hangars

- Fomtec AFFF 1%, 3%, 6%
- Fomtec LS EXP
- Fomtec LS aMax





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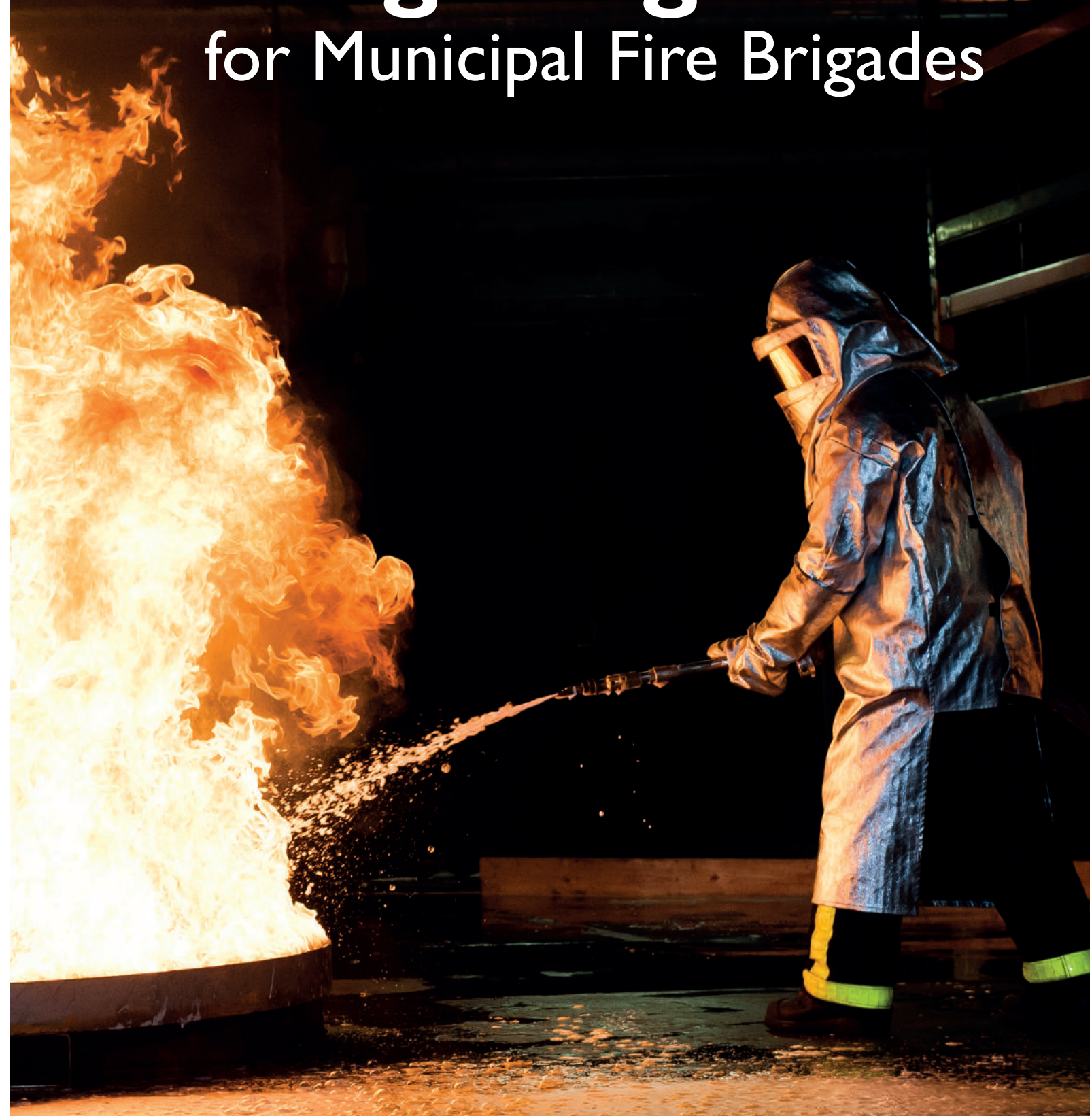
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Firefighting foam for Municipal Fire Brigades



Firefighting foams for the municipality

Dafo Fomtec AB is a global manufacturer of firefighting foam concentrates, portable and fixed firefighting equipment and powder and certified by ISO 9001 DNV (Det Norske Veritas). Fomtec is known worldwide for its complete range of high quality firefighting foams for the municipal, industry, aviation, forest fires, marine, & offshore industry.

The municipal fire and rescue services use a wide range of Fomtec firefighting foams, which need approvals like EN1568-part 1-4 and US forest fire approved for Class A & B firefighting.

Our foam product range is covered by numerous approvals. Regardless of your firefighting application Fomtec will have the right foam to cover your needs.



Fomtec municipality firefighting foams

Class A & small Class B: Hydrocarbon Fires

- Fomtec Enviro Class A 0,1-1%
- Fomtec Enviro Class A Super 0,1-1%

QPL by US Forest Service in accordance FSS 5100-307a
Wetting agent, CAFS

Class A & Class B: Hydrocarbon fires

- Fomtec MB-20

Multi Usage: Low, Medium & High Expansion Foam
EN1568-part 1-3

Class A & Class B: Hydrocarbon and alcohol fires

- Fomtec Enviro 3x3 Ultra

EN1568-part 3 and 4

Training foams

- Fomtec MB Trainer 2-4%
- Fomtec Trainer E-lite 3%



Fomtec municipal product range

- One stop shop: Fire fighting foams for municipal fires and rescue services
- Global distribution: World wide networks and deliveries
- C6 formulation, Fluorine free, PFOS and PFOA free, easy biodegradable.
- Foam approval testing: As a value added service we conduct a multitude of foam tests every year
- World wide references: Municipal fire brigades, oil refineries, petrochemical industries, chemical industries, pharmaceutical industries, power plants and many more.





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Firefighting Foam

for Forest Fires



Fire fighting foams for forest fires

Dafo Fomtec AB is a global manufacturer of fire fighting foam concentrates, portable and fixed fire fighting equipment and powder.

Wildland and forest fires need a specialised foam different to that used in industrial applications. Not only can wildland fires burn over a large area, they can also continue to burn invisibly underground after the surface fire is extinguished. Thus greater penetration of Class A material is required.

Regardless, of your fire fighting application Dafo Fomtec has the right foam, to cover your needs. Dafo Fomtec AB is certified by ISO 9001.

International standard:

The globally applied standard is

United States Department of Agriculture Forest Service Specification 5100-307a

- 5100-307a is a comprehensive and lengthy testing programme covering all the applicational, operational and environmental topics mentioned above. It incorporates the relevant NFPA standards as well as USDA environmental requirements. ASTM test procedures are used where relevant. The recommendations of Bombardier, the manufacturers of the Canadair range of aircraft used in forest fire fighting, are included. Only products on the USDA QPL are considered suitable by Bombardier for use in their aircraft.

Class A foam for forest fires

Forest fire services have a number of areas to consider:

Application

- When used at normal proportions as an extinguishing agent the foam needs to cling to both horizontal and vertical surfaces including vegetation.
- When used at low proportions it must be effective as a wetting agent, changing the surface tension of the water, giving enhanced penetration.

Environmental

- Toxicity
- Corrosivity
- Health
- Biodegradation

Operational

The foam must be suitable for discharge from a variety of devices

- Hand-held nozzles and extinguishers
- Mobile land-based vehicles
- Long range monitors
- Fixed-wing aircraft and helicopters





Fomtec Enviro Class A

Certification

- Certified by the USDA in 2016 for use at 0.1% to 1%.
- This product has been qualified by the USDA Forest Service and meets the requirements of Forest Service Specification 5100-307a for applications as determined during the product evaluation and shown on the QPL.

Product features

- Excellent wetting properties
- Excellent cling properties
- Totally free from fluorinated surfactants
- 100% biodegradable in 28 days
- Long shelf-life
- Non-corrosive
- Approved for use in fixed-wing aircraft and helicopters





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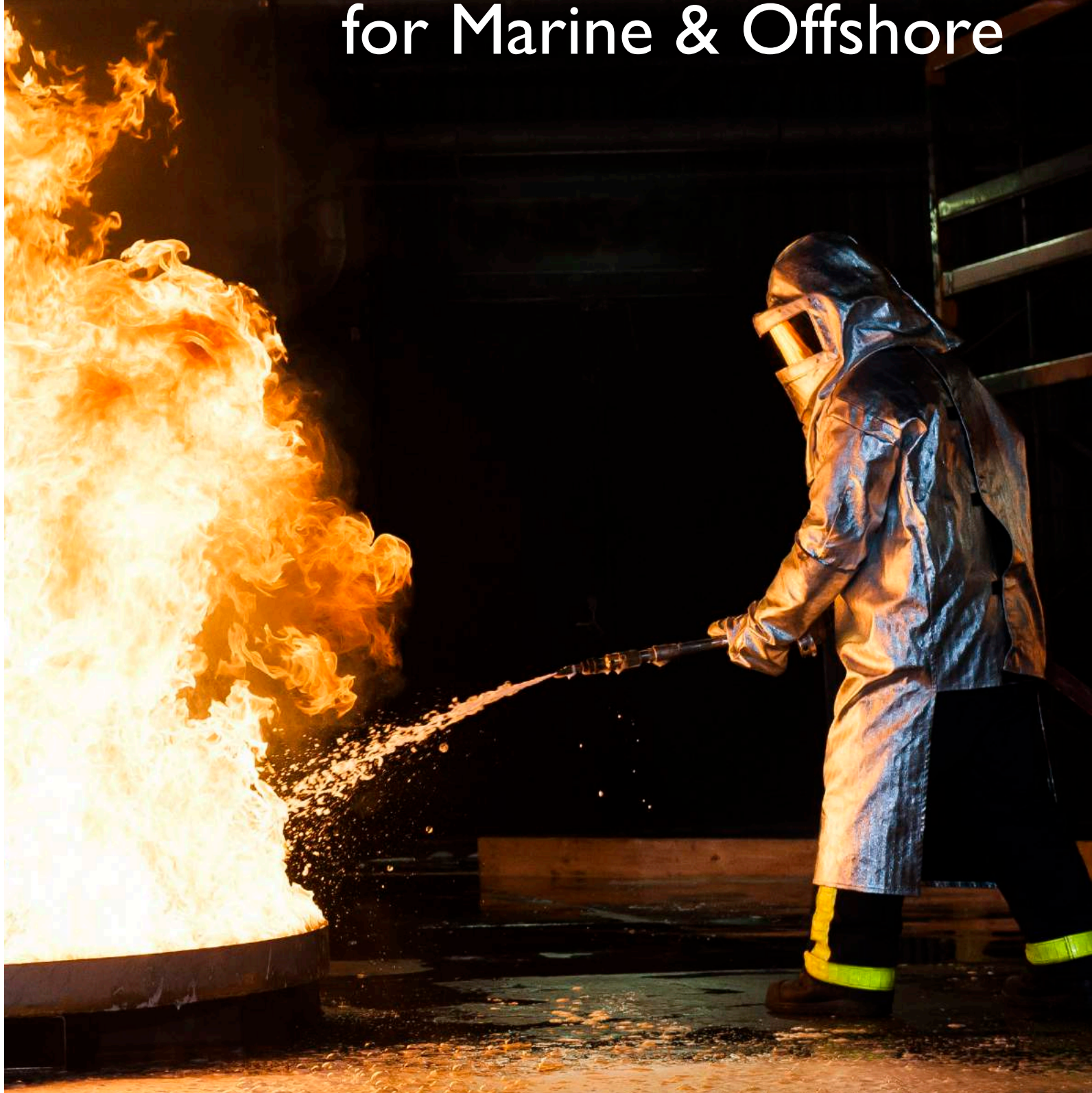
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Firefighting Foam

for Marine & Offshore





Fire fighting Foams for Marine and Offshore

Dafo Fomtec AB is a global manufacturer of fire fighting foam concentrates, portable and fixed fire fighting equipment and powder.

Dafo Fomtec is known worldwide for its complete range of high quality fire fighting foam for the marine and offshore industry. Dafo Fomtec AB is certified by ISO 9001 DNV (Det Norske Veritas).

Marine fire fighting requires marine approved foam concentrates. Dafo Fomtec has a wide range of foams approved for oil and chemical tankers, as well as general fire fighting engine room protection. Today, our extensive partner network and service centers can be found on all continents.

Our foam product range is covered by numerous marine approvals. Regardless, of your fire fighting application Dafo Fomtec will have the right foam, to cover your needs.



Fomtec Marine Product Range

- One Stop Shop for Marine Fires & Safety Application
- Global Distribution: World Wide Networks & Deliveries
- Environmentally Friendly: C6 Formulation, no PFOS no PFOA, Bio Degradable
- Marine Approvals: IMO SOLAS, HOCNF, MED
- Foam Testing: Our foam lab conducts hundreds of foam tests every year
- World Wide References: Oil & Chemical Tankers, Oil Platforms, Offshore Rigs, Cargo Vessels, Ship Building, Tug & Fire Boats, Engine Rooms, Harbors and many more

Fomtec Synthetic Marine Foam

Class A & Class B: Hydrocarbon Fires

- Fomtec AFFF 1%
- Fomtec AFFF 3 %
- Fomtec AFFF 6%

Freeze Protected Products are available
Marine Approvals: IMO SOLAS, HOCNF, MED

Class A & Class B: Hydrocarbon Fires

- Fomtec LS EXP

Multi Usage: Low, Medium & High Expansion Foam
Marine Approvals: IMO SOLAS, MED

Class A & Class B: Hydrocarbon & Alcohol Fires

- Fomtec AFFF ARC 1x3
- Fomtec AFFF ARC 3x3
- Fomtec AFFF ARC 3x6

Freeze Protected Products are available
Marine Approvals: IMO SOLAS, HOCNF, MED



Fomtec Protein Marine Foam

Class A & Class B: Hydrocarbon Fires

- Fomtec P 3%
- Fomtec P 6%
- Fomtec FP 3%
- Fomtec FP 6%
- Fomtec FFFP 3%

Class A & Class B: Hydrocarbon & Alcohol Fires

- Fomtec FFFP ARC 3x3 NV (Newtonian Foam)
- Fomtec FP ARC 3x3

Freeze Protected Products are available
Marine Approvals: IMO SOLAS, HOCNF, MED





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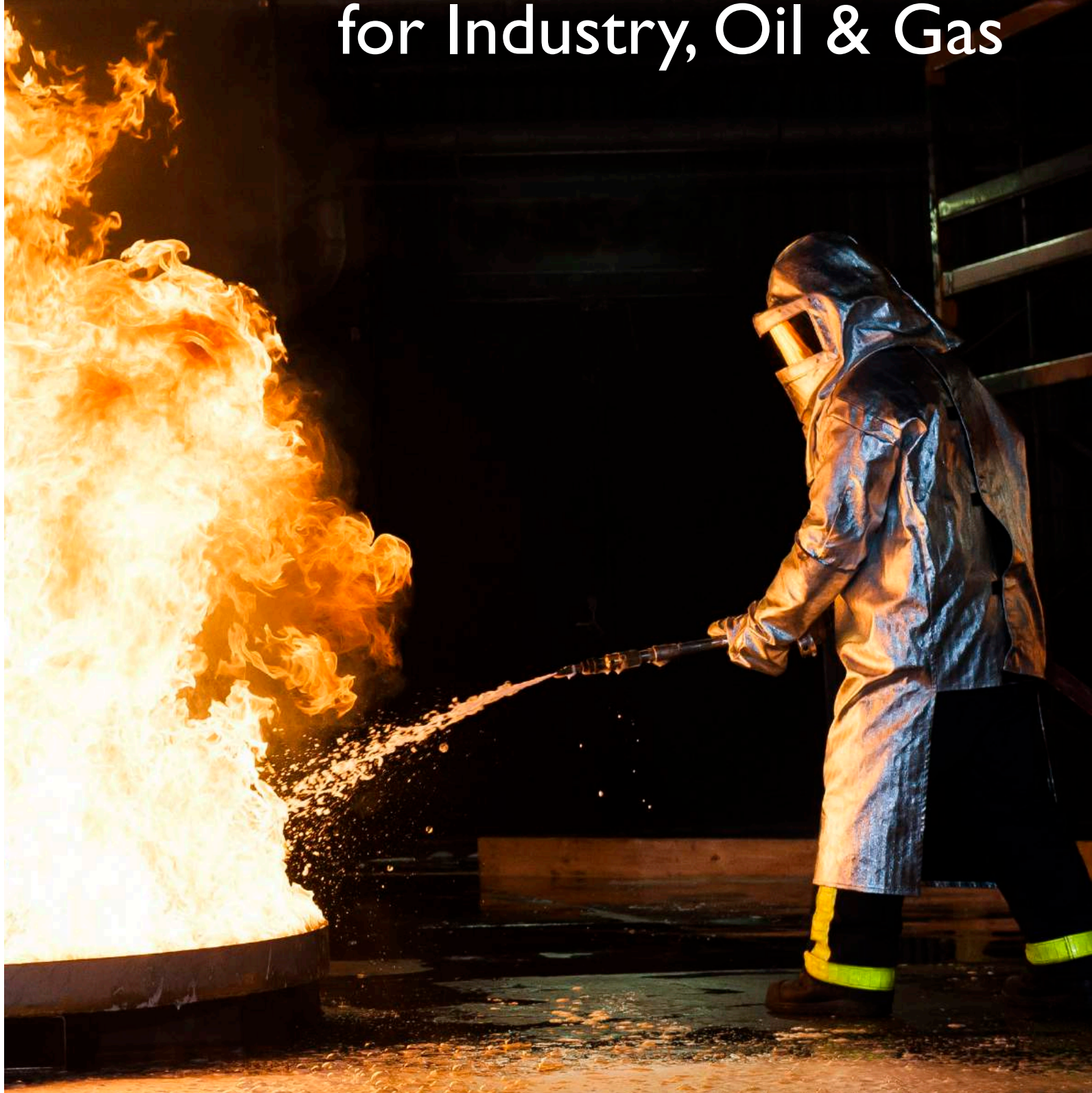
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Firefighting Foam

for Industry, Oil & Gas



Fire fighting foams for industry

Dafo Fomtec AB is a global manufacturer of fire fighting foam concentrates, portable and fixed fire fighting equipment and powder.

Dafo Fomtec has a wide range of foam products for all types of flammable liquids used in industries of today. We supply and service customers within oil & gas, chemical, pharmaceutical, refineries and heavy industries. We service all types of business that are handling, transporting, processing or storing flammable liquids.

Selection of the right foam must be based on the type of flammable liquids. We work closely with our customers to select the correct foam. Regardless, of your fire fighting application Dafo Fomtec has the right foam, to cover your needs.

Dafo Fomtec AB is certified by ISO 9001.



Fomtec industry product range

- One stop shop: Fire fighting foams for industry fires & safety applications
- Global distribution: World wide networks & deliveries
- Environmentally friendly: C6 formulation, PFOS- and PFOA free, bio degradable
- Foam testing: As a value added service we conduct a multitude of foam tests every year
- World wide references: Oil refineries, petrochemical industries, chemical industries, pharmaceutical industries, power plants and many more

Fomtec synthetic foam for industry

Class A & Class B: Hydrocarbon fires

- Fomtec AFFF 1%
- Fomtec AFFF 3 %
- Fomtec AFFF 6%

Class A & Class B: Hydrocarbon fires, fluorine free

- Fomtec Enviro 3x3
- Fomtec Enviro 3x6
- Fomtec Enviro 6x6

Class A & Class B: Hydrocarbon & alcohol fires

- Fomtec AFFF ARC 1x3
- Fomtec AFFF ARC 3x3
- Fomtec AFFF ARC 3x6

International approvals

- UL, FM, Lastfire, EN I 568



Fomtec protein foam for industry

Class A & Class B: Hydrocarbon fires

- Fomtec P 3%
- Fomtec P 6%
- Fomtec FP 3%
- Fomtec FP 6%
- Fomtec FFFP 3%
- Fomtec FFFP 6%

Class A & Class B: Hydrocarbon & alcohol fires

- Fomtec FFFP ARC 3x3 NV
- Fomtec FP ARC 3x3



Product features

- Superior fire knockdown and burnback resistance
- Products are available as freezeprotected
- C6 fluorinated foam or fluorine free products available
- Low and medium expansion available
- Newtonian foam products available
- For use on Class A and Class B fires





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