



Dr. STHAMER HAMBURG



FIRE EXTINGUISHING FOAM CONCENTRATES

for maritime use

Fire extinguishing foam concentrates used on international waters must comply with requirements specified by IMO standards as well as MED Mod. B and D.

The following foam concentrates are tested and type approved by independent, certified testing institutes. Some of the products also comply with ICAO level B for use on helidecks.



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Fire extinguishing foam concentrates for maritime use



Fire extinguishing foam concentrates for use aboard maritime vessels, tugboats and firefighting vessels must comply with the requirements of the Maritime Safety Committee (MSC) of the International Maritime Organisation (IMO). Compliance with these requirements is monitored by ship classification societies. Our foam concentrates for maritime use are type approved and certified according to MSC guidelines.

STHAMEX®-AFFF

comprises a product range of synthetic, aqueous film-forming foam concentrates, designed especially for fast and effective firefighting action. STHAMEX®-AFFF forms a self-sealing duplex aqueous film on class B liquid hydrocarbons, which extinguishes fire even without expanded foam. STHAMEX®-AFFF products are based on surface and interface-active agents. Fluorinated components and antifreeze characterise the composition of these high-performance fire extinguishing foam concentrates.

MOUSSOL®-APS

comprises a product range of universal, synthetic, alcohol-resistant, aqueous film-forming foam concentrates designed for use on polar¹ and non-polar² foam-destroying liquids. On polar¹ fuels the polymer film forms a safe barrier against foam-destroying liquids, while the duplex aqueous film provides for fast and effective firefighting action on non-polar² fuels, even if applied as a non-aspirated foam solution.

MOUSSOL®-APS foam concentrates are used universally in engine rooms, deck foam systems, cargo areas and on helidecks.

STHAMEX®-IAF and STHAMEX®-SV

are fluorine-free synthetic foam concentrates for use with inside air high-expansion foam systems. These systems generate foam using hot inside-air, loaded with combustion gas from a fire incident, which results in immediate gas absorption and cooling of the surrounding atmosphere. No fresh air supply is required. Foam concentrates designed for use with inside-air are generally type approved as components of inside-air foam systems.

FLUOR-FOAMOUSSE® (FP)

are low-expansion, protein foam concentrates combined with C6 fluorinated additives. The oleophobic characteristics are a result of fluorinated components contained in these products which significantly enhance flowability and fire performance.

FOAMOUSSE®-FP/AR

are alcohol-resistant, low-viscosity, protein foam concentrates combining the advantages of alcohol-resistant and fluoroprotein foams. The foam is stable on both polar¹ and non-polar² foam-destroying liquids. On polar¹ solvents, foam-stabilising agents form a safe barrier against the foam-destroying effect of the chemical. This foam may be applied on spilled chemicals as a preventative fire protection measure.

STHAMEX®

is a fluorine-free synthetic foam concentrate. It is approved for all non-polar class B fires according to EN 1568 part 1-3 for low-, medium- and high-expansion foam applications. It is also approved for high-expansion foam applications according to IMO 670.

¹polar = water miscible ²non-polar = water immiscible



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