



FETTEX® F-25 #2052



FIRE EXTINGUISHING AGENT

FETTEX® F-25 is a special firefighting agent for use in extinguishing systems and equipment, for fire fighting of cooking fat and fryer fires, frying systems as well as the associated filter and exhaust systems in kitchens, canteens and restaurants. **FETTEX® F-25** is easily and completely biodegradable and free of organic fluorine compounds*¹, preservatives and silicone compounds.

Performance

FETTEX® F-25 is supposed to be finely and evenly sprayed onto burning fat or oil, where it reacts chemically with the fuel forming a close, gas-tight and non-burning blanket, which immediately smothers the fire.

Due to the very good cooling effect, heat is extracted from the oil or grease as well as from the surrounding equipment. The risk of re-ignition is significantly reduced in this way. Due to the evaporation of the contained solvent and chemical reaction with the grease, **FETTEX® F-25** rapidly extracts heat energy from the grease and thus cools it down rapidly. The resulting reaction products are non-flammable and form a floating blanket that separates the grease surface from atmospheric oxygen, thus suppressing re-ignition extremely effectively.

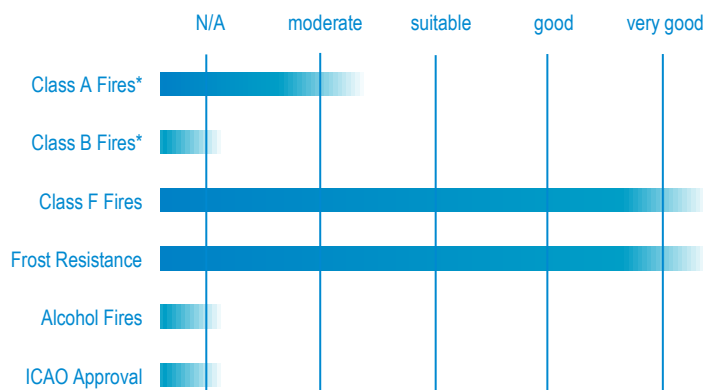
FETTEX® F-25 is approved for use in the food industry (kitchens, warehouses, ...).

Technical Specification

Appearance	colourless
Fire Class/-es	A + F
Lowest Use Temperature	-25 [°C]
Max. Storage Temperature	max. +50 [°C]
Specific Gravity (20°C)	1,200 ± 0,02 [g/ml]
pH value (20°C)	7,5 - 9,0
Viscosity (20°C)	< 10 [mm²/sec]
Sedimentation	Sediment Free

Foam Properties acc. to EN1568 at 20°C

Induction Rate	100%
Expansion Rate	—
25% Drainage Time	— [min]
50% Drainage Time	— [min]
Expansion Types	—



*as mentioned in the respective test standard or in the text

Performance Tests



DIN EN 3
--- 75F

¹ We define fluorine-free as products that are manufactured without the intentional addition of fluoroorganic compounds for the purpose of improving performance in such a way that, according to currently commercially available analysis of PFAS in firefighting foam concentrates, they do not contain any quantity of fluoroorganic substances in excess of the ubiquitous regional background contamination (e.g. in the drinking water used for production).

Application

FETTEX® F-25 is used in extinguishers or stationary installed extinguishing systems on fryers, deep fat fryers as well as exhaust air filtering devices in kitchens and is applied finely distributed to the burning surface via spray nozzles.

FETTEX® F-25 is ready for use and must not be diluted

The foam remains confined to the area of the fire; other parts of the equipment that have been exposed to the firefighting foam agent can be cleaned with plenty of clean water or a steam jet. The cooking fat or -oil contaminated with the firefighting foam agent must not be reused. Before cleaning the frying or deep-frying equipment, the cooking fat or oil must be completely cooled down.

Compatibility

When mixing different firefighting foam agents, it must be considered that the resulting mixture is a new chemical product which is not tested as firefighting foam agent and also must be re-evaluated and labeled according to hazardous materials regulations.

FETTEX® F-25 shall under no circumstances be mixed with other firefighting foam concentrates or -solutions, neither as a concentrate nor as a premix. Even low volumes of other firefighting foam agents will have an adverse effect on the extinguishing performance of **FETTEX® F-25** and may cause dangerous reactions with the fuel.

FETTEX® F-25 is not suitable for combined use with extinguishing powder.

Storage & Shelf Life

FETTEX® F-25 can be stored long time in the originally sealed container or in suitable storage containers* ² at temperatures between -30°C up to 50°C. Prolonged or recurrent exposure to temperatures above 50°C may cause accelerated

aging or irreversible damage to the product and should therefore be avoided.

Before filling up stocks of our **FETTEX® F-25** we recommend to have a quality test of the stock to be filled up carried out in our laboratory. If stored according to our storage recommendations, a shelf life of well over ten years is possible.

Environment

FETTEX® F-25 is easily and completely biodegradable and free of organic fluorine compounds*¹, preservatives and silicone compounds.

After use, all parts which were in contact to **FETTEX® F-25** must be thoroughly rinsed with water and cleaned to prevent any product buildup. Dried-in adhesions may require longer time soaking for removal.

Unused product (concentrate) must not be released into the environment. Disposal must be carried out in consultation with local authorities and specialised waste treatment companies.

Please also note further information in our safety data sheet!

Transport

FETTEX® F-25 is available in the following packaging units: PE-canister (20 ltr, 25 ltr and 60 ltr), PE-canister according to DIN 14452 (20 ltr); PE-drum (200 ltr), PE-IBC (600 ltr und 1.000 ltr) or bulk.

Please contact us for special packing sizes.



For further Documentation please scan the Qr code or see <http://sthamer.de/q/2052>



Safety Advice: Please bear in mind that foam solutions are electroconductive liquids. The use in proximity to electrical/electronic equipment can require specific safety measures.



Safety Advice: Please see our Technical Information regarding "Mixing of Foam Concentrates" for further information

Disclaimer:

Any information in this product data sheet bases upon our best knowledge and expertise at the time of this issue. We reserve the right to change the content of this document or adopt to newer information. Please ask for the most recent revision of this data sheet.

² Please refer to the additional technical information on material compatibility and storage of firefighting foam agents for information on suitable containers and container materials.

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