MOUSSEAL-CF

Aqueous film forming foam premix for use in fire extinguishers

Description

MOUSSEAL-CF is a ready-to-use aqueous film forming premix solution for use in fire extinguishers based on organic surface and interface active surfactants, salts and anti-freeze components which provides for its outstanding efficiency.

Properties

MOUSSEAL-CF is a special combination of surfactants and anti-freeze which has maximum wetting and impregnating abilities. On liquid non-polar Hydrocarbons, e.g. mineral oil products, an aqueous film is formed which lastingly covers the surface and prevents evaporation of solvent vapours. Because of its unique composition of anti-freeze components ***MOUSSEAL-CF*** can be used at temperatures as low as –30 °C.

Application

MOUSSEAL-CF is used undiluted with portable extinguishers and sprinkler systems to extinguish fires of solid materials (class A) and of non-polar liquid fires (class B) according to DIN EN 3.

Extinguishing performance

MOUSSEAL-CF can reach or surpass the following rating according to DIN EN 3 depending on the nozzle configuration:

6 Litre extinguisher: **13 A and 113 B**

Storage

MOUSSEAL-CF can be stored at least for five years in sealed original containers and approved fire extinguishers. The operation temperature ranges between –30 °C and +50 °C.

Approval

MOUSSEAL-CF is an officially approved fire extinguishing premix solution approved according to DIN EN 3:

Approval-No. SP 48/03

Safety instructions

see material safety data sheet

Physical properties and technical data

Recommended induction rate	undiluted
Density (20 °C)	1.12 ± 0.02 kg/l
Frost resistance	-30 °C
pH value (20 °C)	appr. 7.3
Spreading coefficient	≥ 3 mN/m
Environmental acceptability	**MOUSSEAL-CF** is easily biodegradable.
Special notes	**MOUSSEAL-CF** is not detrimental to health, provided it is used for the intended purpose. Fire extinguishing exercises and tests may have to be co-ordinated with the local authorities. When persons are sprayed with foam, please bear in mind that they will not be able to breathe while covered with foam. For further information users are asked to refer to the safety data sheet.

Dr. STHAMER HAMBURG

Liebigstraße 5 · D-22113 Hamburg
Telefon (040) 73 61 68 -0
Telefax (040) 73 61 68 -60
E-Mail: info@sthamer.com
Internet: http://sthamer.com

Niederlassung Pirna
Königsteiner Straße 5 · D-01796 Pirna
Telefon (03501) 52 40 06, 46 44 84
Telefax (03501) 46 44 85
E-Mail: info@sthamer.com

Hamburg - Februar 2004