

F-Class Liquid Wet Chemical

Description

Kerr 'F' Class Liquid is a high-performance liquid specifically intended for fires of cooking fat and cooking oil. This type of liquid is frequently referred to as a "Wet Chemical". A particular application of Kerr 'F' Class Liquid is the control and extinction of fire in deep-fat fryers.

Fires of cooking fat and cooking oil are particularly difficult to extinguish because of the very high temperatures reached during combustion. Attempts to use powder, foam, or carbon dioxide on fat fires can lead to dangerous situations, with explosions, and burning fat being thrown out of the pans being used. Fat is also liable to reignite even after extinction, because of the very high temperatures that the material will have reached during combustion.

Kerr 'F' Class Liquid is intended for use in portable extinguishers and premix systems. The liquid will last for ten years in its unopened container, if maintained between the temperature limits marked on the label.

Kerr 'F' Class Liquid is a special solution that reacts with the burning fat or oil, and forms a crust over the surface. The spray initially knocks down the flames, and the crust completes extinction. The crust on the surface of the fat or oil also prevents reignition, by blocking contact with the oxygen in the air.

Typical Physico-Chemical Properties

Appearance	Thick colourless liquid
Specific Gravity (g/ml) @ 20°C	1.35 - 1.42
Viscosity (c.s) approx. @ 20°C	3.5 - 7.1
pH	8.5 - 10.00
Refractive Index, 20C	1.407 - 1.421

Application

Kerr 'F' Class Liquid is only intended for fires of cooking fat and cooking oil. It can be used on fires of solids (Class A). Do not use on hydrocarbon liquids such as petrol, diesel, or kerosene, or fires of polar solvents, like alcohol or acetone.

Typical Packing Specification

	Plastic Square 32 Drums Per Pallet	Plastic Square 32 Drums Per Pallet	Plastic Cylindrical 4 Drums Per Pallet	Plastic Cylindrical 4 Drums Per Pallet	Ecobulk MX 1 IBC Per Pallet
Capacity	25 Litres	5 US Gallons	200 Litres	55 US Gallons	1000 Litres
Empty Weight (kg)	1.2	0.8	9.0	9.0	70
Filled Weight (kg)	36	27	283	295	1440
Dimensions (mm)	448 x 286 x 286	402 x 293 x 240	580D x 922H	580D x 922H	1200L x 1000W x 1160H

For Emergency supplies of Kerr F Class Liquid telephone +44 (0) 15242 61166