

Kerr Forest Foam Synthetic Class A Foam

Description

Kerr Forest Foam is a synthetic fire fighting foam concentrate specially formulated for Class A applications such as forestry and wild land fire control, structural fires, and tyre and paper fires. The balanced chemical system in Kerr Forest Foam reduces the surface tension of water to increase the penetrating power into burning Class A materials.

- At 1% Kerr Forest Foam can be used for small Class B hydrocarbon spill fires involved in a forestry environment e.g. leaking truck fuel tanks or refuelling equipment.
- Economical - 0.1% to 1.0% proportioning rate depending on method of application.
- Acceptable Environmental Characteristics.
- Flexible in Use - can be used through conventional water nozzles, air aspirating foam nozzles, compressed air systems or dropped from aircraft.
- Easily Premixed - with fresh, salt or brackish water.
- Reduced Storage Space - one 5 gallon drum will produce 500-5000 gallons of foam solution.
- Excellent foamability - particularly with fresh water making Kerr Forest Foam ideal for use in fixed wing aircraft and helicopter buckets.
- Long Shelf Life - in excess of 10 years if stored in accordance with Kerr recommended guidelines.

Environment

Kerr Forest Foam has acceptable environmental characteristics.

Four Way Attack

Kerr Forest Foam is highly versatile and can be used with a wide range of equipment for different methods of application. It is intended for use at 0.1% to 1.0% depending on the method of application:

Ground Attack	<ul style="list-style-type: none">• air aspirating nozzle of 0.3% proportioning rate• 0.1% rate for mop-up
Structural Attack	<ul style="list-style-type: none">• conventional nozzles• 0.5% proportioning rate
Aerial Attack	<ul style="list-style-type: none">• fixed or rotary wing delivery systems• 0.6% proportioning rate
CAF System	<ul style="list-style-type: none">• compressed air foam system• 0.15% proportioning rate
Fire Breaks and small Class B spill fire	<ul style="list-style-type: none">• 1% proportioning rate

These proportioning rates are given for guidance only. Users may vary them based on operational experience with the different systems.

Compatibility

Kerr Forest Foam is suitable for use in combination with soft or hard, fresh, brackish or sea water.

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Storage

Kerr Forest Foam concentrate is exceptionally stable in long term storage. A shelf life of at least ten years can be expected if it is stored properly. When stored below -10°C, some cloudiness may occur, however on subsequent warming, this will disappear without any detrimental effect.

Disposal

Please refer to Kerr Fire's Foam Disposal Guide and MSDS for more information.

Product Quality

Kerr Forest Foam is produced to rigorous quality control standards to ensure consistent fire performance and excellent product reliability.

Kerr Fire operates a quality management system which complies with the requirements of BS EN ISO 9001.

Typical Physico-Chemical Properties

Appearance		Light Yellow Liquid
Specific Gravity @ 20°C (68°F)		1.03 - 1.05
pH @ 20°C (68°F)		8 - 9.5
Viscosity @ 20°C (68°F)	mm ² sec ⁻¹	20
Maximum continuous storage temperature	°C (°F)	49 (120)
Maximum intermittent storage temperature	°C (°F)	60 (140)
Freezing point	°C (°F)	-10 (27)
Effect of freeze/thaw		No loss of performance
Lowest use temperature	°C (°F)	-10 (27)

Typical Packing Specification

	Plastic Square	Plastic Square	Plastic Cylindrical	Ecobulk MX
Capacity	20 litres	25 Litres	200 Litres	1000 Litres
Empty Weight (kg)		1.2	9.0	70
Filled Weight (kg)		27	217	1110
Dimensions (mm)		448 x 286 x 286	580D x 922H	1200L x 1000W x 1160H

EMERGENCY FOAM SERVICE Call +44 (0) 15242 61166 – 24 hours a day, every day

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Kerr Fire

Station Road, Bentham, Lancaster, LA2 7NA, UK

Tel: +44 (0)1524 264037 • Fax: +44 (0)1524 264180 • Email: info@kerrfire.co.uk • Web: www.kerrfire.co.uk

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