

## Eco-Safe 6% Protein Training Foam

Eco-Safe 6% Protein enables fire services to train with fire-fighting foam where front line fluorosurfactant based foams are restricted to use in emergencies by European environmental regulators including the UK's Environment Agency. Eco-Safe 6% Protein is a natural protein based product which mimics the performance of Kerr's 'Fluorofoam' Fluoroprotein based fire-fighting foams to provide realistic fire training without the use of fluorinated chemicals.

Kerr Fire has a commitment and long track record of formulating foams for minimal environmental impact and maximum performance. A key element of this responsibility is to use a natural organic base material, control and reduce the quantities of fluorosurfactants and other chemicals that could be released into the environment.

At the same time it is imperative that front line fire fighters are continuously trained in critical fire-fighting techniques to ensure high performance standards are maintained and risks to fire fighter safety are minimised in the event of an emergency. Kerr Fire has developed Eco-Safe 6% Protein for training use in fire-fighting applications such as on offshore drilling and production platforms.

### **Description**

Eco-Safe 6% Protein is a Fluorine-Free Foam (F3) organic concentrate for 6% usage and has been specially formulated as a unique training foam with no fluorosurfactants. Eco-Safe 6% Protein mimics the induction characteristics of FP 6% foam while complying with European regulatory requirements.

### **Environment**

Eco-Safe 6% Protein is formulated for minimum environmental impact. It is produced from natural proteins, and is free of fluorinated chemicals and glycol ethers. Eco-Safe 6% Protein has low toxicity and will biodegrade readily.

### **Application**

Eco-Safe 6% Protein is suitable for use in training with conventional foam induction and delivery equipment. It is not recommended for real life fire-fighting incidents.

### **Induction**

6% induction is recommended to accurately simulate induction and foam quality performance.

## Eco-Safe 6% Protein Training Foam

### Storage

Eco-Safe 6% Protein should be stored in original containers. Eco-Safe 6% Protein should be used within 1 year from the date of purchase.

### Disposal

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

### Product Quality

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

### Typical Physico-Chemical Properties

Specific Gravity		≥ 1.05
pH		6.6 - 7.6
Viscosity @ 20°C (68°F)	mm <sup>2</sup> sec <sup>-1</sup>	2
Minimum Use Temperature	°C (°F)	0 (32)
Expansion Ratio		≥ 6:1
25% Drainage Time	min / sec	≥ 5'00"
Freezing point		-3 (27)

### Typical Packing Specification

	Plastic Square	Plastic Cylindrical
Capacity	25 Litres	200 Litres
Empty Weight (kg)	1.2	9.0
Filled Weight (kg)	27	230
Dimensions (mm)	280 L x 280 D x 440 H	580 D x 922 H

**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](mailto:info@kerrfire.co.uk) • Web: [www.kerrfire.co.uk](http://www.kerrfire.co.uk)

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