



## Forexpan

0.1% - 1%

Class A Foam Concentrate

- A synthetic fluorine free (F3) firefighting foam concentrate specially formulated for Class A applications
- Use at 1% for small Class B hydrocarbon spill fires
- Economical – 0.1% to 1% proportioning rate depending on application
- Flexible in use and easy premixed
- Reduced storage space
- Excellent foam ability
- Long shelf life
- Five way attack
- Ground attack
- Structural attack
- Aerial attack
- CAF systems
- Fire breaks and small Class B spills
- Suitable for use with fresh and sea water

Forexpan is a synthetic fluorine free (F3) firefighting foam concentrate specially formulated for Class A applications such as forestry and wildland fire control, structural fires, and tyre and paper fires.

The balanced chemical system in Forexpan reduces the surface tension of water to increase the penetrating power into burning Class A materials.

- At 1% Forexpan can be used for small Class B hydrocarbon spill fires involved in a forestry environment. eg. 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 foam ability - particularly with fresh water, making Forexpan ideal for use in fixed wing aircraft and helicopter buckets.
- Long Shelf Life - in excess of 10 years if stored in accordance with Angus Fire recommended guidelines.

### Five Way Attack

Forexpan 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

Air aspirating nozzle of 0.3% proportioning rate; 0.1% for mop-up.

#### Structural Attack:

Conventional Nozzles;  
0.5% proportioning rate.

#### Aerial Attack:

Fixed or Rotary Wing delivery systems;  
0.6% proportioning rate.

#### CAF Systems:

Compressed Air Foam System; 0.15% proportioning rate.

#### Fire Breaks and small Class B spill fires:

1% proportioning rate.

The above proportioning rates are given for guidance only.

Users may vary them based on operational experience with the different systems.



# Forexpan 0.1% - 1%

## Class A Foam Concentrate

### Compatibility

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

### Storage

Forexpan is exceptionally stable in long-term storage. A shelf-life of at least ten years may 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.

### Environment & Disposal

Please refer to the product's Safety Data Sheet (SDS) and website for more information regarding the use, discharge and disposal of all firefighting foam products.

### Reliability

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

Angus Fire operates a quality management system which complies with the requirements of BS EN ISO 9001:2008

### Typical Physico-Chemical Properties

Appearance		Light Yellow Liquid
Specific gravity @ 20°C (68°F)		1.03 - 1.05
pH @ 20°C (68°F)		8.0 - 9.5
Viscosity @ 20°C (68°F)	mm <sup>2</sup> sec <sup>-1</sup>	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	Plastic Cylindrical	Ecobulk MX
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)	27	21	217	226	1110
Dimensions (mm)	448 x 286 x 286	402 x 293 x 240	580 D x 922 H	580 D x 922 H	1200 L x 1000 W x 1160 H
Part number					



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

#### GENERAL SALES

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Angus Fire operates a continuous programme of product development. The right is therefore reserved to modify any specification without prior notice and Angus Fire should be contacted to ensure that the current issues of all technical data sheets are used.

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