



FOAMGARD 6% FLOUROPROTEIN FOAM CONCENTRATE (6% FP)

Features

- Suitable for Use with Fresh or Salt Water
- Forms a Strong Foam Blanket that is Stable and Heat Resistance
- Suitable for Use in Fixed Foam Protection Systems including Subsurface into Class B Hydrocarbon Fuels and Polar Solvent Fuels such MTBE, ETBE and MTBE/Gasoline Motor Fuels
- Suitable for use with Portable Handline Air-aspirating Nozzles
- Suitable for Use with Plastic, Mild Steel, Fibreglass Containers
- Compatible with Dry Powder and other equivalent Foam Concentrates
- Meets performance Requirements of the U.K. Ministry of Defense Standard 42-40 Issue 1, ICAO Document 9137 and ISO 7203-1 for Fluoroprotein Foam Concentrates
- U.L. Listed

Product Specification:

FOAMGARD 6% FP is a hydrolysed protein based foam concentrate with fluorinated surface active agents that offers greater foaming properties over ordinary protein foams. Due to its quick knockdown and burn back resistance capabilities, this foam concentrate makes a very fluid and stable foam which will cover a burning Class B hydrocarbon fuel source very rapidly.

FOAMGARD 6% FP is intended for use at a 6% proportioning rate (6 parts FP to 94 parts water) on Class B hydrocarbon type fuels such as gasoline, kerosene and diesel. The foam concentrate is NOT intended for use on any fuels which are polar solvent/water miscible fuels such as alcohols, ketones and esters.

FOAMGARD 6% FP is suitable for use with proportioning equipment such as fixed or portable eductors, in-line balanced pressure and pump pressure proportioning skids, bladder tank balanced pressure proportioning systems, around-the-pump proportioners, handlines, air-aspirating branchpipes with fixed eductor pickup tubes. It will provide excellent protection for a wide range of hazardous areas such as storage tanks, truck/rail loading or unloading facilities, processing/storage facilities, docks/marine tankers, flammable liquid containment areas and mobile equipment.

It is recommended that the FOAMGARD 6% FP be used only through air-aspirating discharge devices such as foam chambers, high back pressure foam makers (subsurface), air-aspirating foam nozzles and air-aspirating foam spray nozzles. These types of discharge devices will help the concentrate to give optimum performance, expansion and drainage times.

The foam concentrate has been tested to ensure that it will meet the fire performance requirements of U.L. 162, UK Ministry of Defense 42-40 Issue 1, ICAO 9137 and ISO 7203-1.



Foaming Characteristics:

Foaming properties and expansion rates will vary depending on the type of discharge equipment, inlet pressure and flow rate.

Typical Properties at 25 deg. C

Appearance	Dark Brown Liquid
Specific Gravity	1.08+/- 0.01
pH	7.0 +/- 0.5
Viscosity	less than 20 cps @ 20°C
Suspended Sediment	less than 0.30% v/v

Environmental Impact:

FOAMGARD 6% FP is biodegradable, low in toxicity and can be treated in sewage treatment plants. This product does not contain any "heavy metal" salts such as zinc chloride which are objectionable to environment authorities.

Storage/Shelf Life:

If kept in original manufacturer's supplied drums or pails and stored within the temperature range of 2°C to 49°C, a shelf life of at least 10 years can be expected.

Ordering Information:

FOAMGARD 6% FP is supplied in 25 litre (6.5 gallon) plastic pails or 210 litre (55 gallon) plastic drums or can be shipped in bulk.

<u>Part Number</u>	<u>Packing</u>	<u>Shipping Weight</u>
FOAMGARD FP6-20	25 litre Pail	21.3 kg (47 lbs)
FOAMGARD FP6-30	30 litre Pail	31.5 kg (70 lbs)
FOAMGARD FP6-200	200 litre Drum	209 kg (466 lbs)