



3% Fluoroprotein Foam Concentrate

Chemguard 3% Fluoroprotein is a hydrolyzed protein based foam concentrate with fluorinated surfactants added. This foam concentrate makes a very fluid and stable foam, which will cover a burning hydrocarbon fuel source very rapidly. The water-soluble fluorosurfactant gives the foam the ability to reject or repel hydrocarbons, which decreases the amount of hydrocarbons being absorbed into the foam during fire fighting operations.

Chemguard 3% Fluoroprotein is intended for use at a proportioning rate of 3% (3 parts Fluoroprotein to 97 parts water) on class B hydrocarbon type fuels such as gasoline, kerosene, diesel, etc. Chemguard 3% Fluoroprotein is not intended for use on fuels, which are polar solvent/water miscible, such as alcohols, ketones, esters, etc.

FEATURES

- U. L. Listed, Foam Liquid Concentrates
- Suitable for use with either fresh or salt water
- Excellent wetting characteristics when used in combating Class "A" fuel fires
- Suitable for use in fixed foam protection systems including sub-surface into hydrocarbon fuels
- Suitable for use with all siliconized dry chemical extinguishing agents
- Suitable for use with deluge or closed head air-aspirating foam water sprinkler systems
- Suitable for use with plastic, fiberglass, or mild steel containers
- Recommended for use with air-aspirating foam nozzles

PROPORTIONING

- Fixed or portable in-line eductors
- In-line balanced pressure and pump pressure proportioning skid
- Bladder tank balanced pressure proportioning systems

- Around the pump proportioners
- Handline, air-aspirating nozzles with fixed eductor pickup tube

APPLICATIONS

- Storage tanks
- Truck/Rail loading or unloading facilities
- Processing/Storage facilities
- Docks/Marine tankers
- Flammable liquid containment areas
- Mobile equipment.

FOAMING PROPERTIES

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

DISCHARGE DEVICES

- Foam Chambers
- High Back Pressure Foam Maker(sub-surface)
- Air-aspirating foam nozzles
- Air-aspirating sprinkler heads and spray nozzles

TYPICAL PROPERTIES AT 77°F (25°C)

Appearance.....Dark Brown Liquid
Specific gravity.....1.15
pH.....6.75
Viscosity.....12.0 cps at 20°C
Freezing point.....25°F
Pour point.....28°F
Suspended sediment.....less than 0.25% v/v

ENVIRONMENTAL IMPACT

Chemguard 3% Fluoroprotein 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.

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204 S. 6th Ave • Mansfield, Tx 76063 • (817) 473-9964 • FAX (817) 473-0606
www.chemguard.com

STORAGE

If kept in the original unopened and airtight Chemguard supplied container and stored within the temperature range of 20°F-120°F (-7°C - 49°C) a shelf life of at least 7-10 years can be expected. If the product is frozen during storage or transportation, thawing will render the product completely usable.

ORDERING INFORMATION & WEIGHT

Part No:	Container	Weight
C3FPD	55-Gallon Drum / 208 Liters	550 lbs.

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