3% AFFF Low Temperature Foam Concentrate C3LT

Chemguard 3% AFFF-LT is a specially formulated, synthetic, aqueous film forming foam concentrate. A vapor suppressing aqueous film is formed by the foam solution draining from the expanded foam blanket. It is intended for use at a proportioning rate of 3% (3 parts AFFF-LT concentrate to 97 parts water) on Class "B" hydrocarbon type fuels such as gasoline, kerosene, diesel, etc. Chemguard 3% AFFF-LT is not intended for use on fuels, which are polar solvent/water miscible such as alcohols, ketones, esters, etc.

FEATURES

- U.L. 162, Foam Liquid Concentrates
- Suitable for use down to –20 degrees F
- U. L. recommended application rate on hydrocarbon type fuels is .10/gpm ft².
- Suitable for use with either fresh or salt water
- Excellent wetting characteristics when used in combating Class "A" fuel fires
- Suitable for use with both aspirating foam and standard water fog nozzles
- Suitable for use with deluge or closed head foam water sprinkler system
- If inadvertently frozen, thawing will render product completely serviceable again
- Suitable for use with carbon steel, fiberglass, polyethylene or stainless steel. Chemguard 3% AFFF-LT is not compatible with galvanized pipe or fittings in an undiluted form.
- Suitable for use with siliconized dry chemical extinguishing agents

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

DISCHARGE DEVICES

- Foam Chambers
- Air-aspirating and non air-aspirating sprinkler heads or spray nozzles
- Standard water fog nozzles for handlines and monitors
- Air-aspirating foam nozzles
- Foam makers for use with either Floating Roof storage tanks or Dike/Bund protection systems
- High back pressure foam makers for sub surface base injection system (hydrocarbon type fuels only)

APPLICATIONS

- Crash Fire Rescue
- Storage Tanks (non-polar solvent fuels only)
- Truck/Rail Loading or Unloading Facilities
- Processing/Storage Facilities
- Docks/Marine Tankers
- Flammable Liquid Containment Areas
- Mobile Equipment

FOAMING PROPERTIES

Aspirating type discharge devices typically generate expansion ratios between 6-10 to 1 when 3% AFFF-LT is mixed with water at the correct ratio. Non-aspirating type devices will typically generate expansion ratios of between 2-4 to 1. Expansion ratios are dictated by the type of discharge devices, flow rate and discharge pressure.

CHEMGUARD
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DATA SHEET #D10D03019
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TYPICAL PROPERTIES AT 77ºF (25ºC)

Appearance……Clear Slightly Yellow
Specific Gravity……..1.12 g/ml
pH……7.2
Viscosity……..15 cps

ENVIRONMENTAL IMPACT

Chemguard 3% LT-AFFF is biodegradable, low in toxicity and can be treated in sewage treatment plants. Please refer to Chemguard Technical Bulletin regarding foam products and the environment.

STORAGE

If kept in the original unopened and airtight Chemguard supplied container and stored within the temperature range of -20ºF - 120ºF (-29ºC - 49ºC) a shelf life of between 20 - 25 years can be expected. When stored in other than the manufacturers supplied container, please check with Chemguard for storage guidelines.

ORDERING INFORMATION & WEIGHT

Part No:	Container	Weight
C3LTP	5-Gallon Pail / 19 Liters	49 lbs.
C3LTD	55-Gallon Drum / 208 Liters	538 lbs.
C3LTBD	330-Gallon Tote / 1249 Liters	3280 lbs.

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