



STORM ALERT™ RF 3x6% ATC SYNTHETIC FOAM CONCENTRATE

Description

STORM ALERT™ RF3x6% ATC is an advanced flammable liquid fire fighting foam that is designed for use on Hydrocarbon solvent fires at 3% proportioning as well as Alcohols, Polar Solvents and Water-miscible type fuels at 6% proportioning providing proven performance while minimizing impact.

STORM ALERT™ RF3x6% ATC is a multipurpose synthetic fire fighting foam designed for use throughout a broad range of applications and use with conventional fire protection equipment and systems using fresh, sea and or brackish waters. STORM ALERT™ RF3x6% ATC delivers rapid-fire extinguishment of hydrocarbon fuels as well as polar solvent, alcohols and water miscible fuels. STORM ALERT™ RF3x6% ATC performance provides excellent to burn back resistance in conjunction with sustainable longevity of flammable, toxic or noxious vapour suppression and homogeneous stability and superior drain time.

Application

STORM ALERT™ RF3x6% ATC is recommended for use in fixed systems and with a wide variety of conventional and specialized fire fighting and vapour suppression foam proportioning and delivery devices.

Examples delivery equipment are listed, yet not limited to, the following:

Delivery Equipment:

- Non-aspirating and aspirating foam nozzles and branches
- Self-educing foam nozzles
- High volume delivery monitors
- Dual agent applicators
- Sprinkler systems.

Fixed Systems:

- Aircraft hanger floor pup-up and overhead foam sprinkler systems
- Industrial and marine bladder tank systems
- Atmospheric in-line balanced pressure
- Foam chambers/foam pourers
- Semi-subsurface devices
- Medium expansion foam generators
- Fixed foam making deliveries
- This includes all NFPA 11 Type I, II, and III application devices.

Performance

Fire Performance

STORM ALERT™ RF3x6% ATC has been tested to international industry standards representing optimum fire fighting and vapour suppressing performance on hydrocarbon fuels as well as polar solvents, alcohols and water-miscible flammable liquids. STORM ALERT™ RF3x6% ATC is the Worlds first high performance ATC,



AR-AFFF, AR-FFFP alternative flammable liquid fire fighting foam to achieve EN-1568 certification for EN-1568/3 and EN-1568/4 performance standards.

Foam Proportioning

STORM ALERT™ RF3x6% ATC foam concentrate can be proportioned at the proper foam solution percentages using common foam proportioning device such as:

- Inline venturi eductors
- Balanced pressure proportioning
- Round the pump
- Through the pump
- Bladder tank ratio controllers
- Self educting delivery devices
- Pre mix solution

Storage

STORM ALERT™ RF3x6% ATC shelf lifetime is expected to be 10 years (minimum) when stored in suitable containers,

GLOBAL EMERGENCY CONTACT NUMBER
+(65) 6545 5088 (24Hrs)

ALERT DISASTER CONTROL (ASIA) PTE. LTD.

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Storage of premix solution is not recommended for periods in excess of 12 months. Annual inspection of fire protection systems and foam concentrate, as prescribed in NFPA-11, NFPA-25, and AS1940, are recommended as good practice. No foam concentrate should be mixed in storage with other agents.

Compatibility

Dry chemical compatible when used with listed water-insoluble dry chemical powders.

Generally when applied to a fire the product can be mixed with other similar foam types. However the foam concentrate should not be mixed with other brands of concentrate.

Inspection

STORM ALERT™ RF3x6% ATC foam concentrate or premix solution

should be inspected per National Fire Protection (NFPA) Standards 11 and 25. A sample of the foam concentrate should be sent to the manufacturer for quality conditioning testing in accordance to NFPA11.

Environmental Information

STORM ALERT™ RF3x6% ATC concentrate has undergone strenuous testing to assess the impact of the fire fighting foams on the environment and living organisms.

Data indicates that:

- STORM ALERT™ RF3x6% ATC is low in toxicity to tested aquatic organisms, readily biodegradable and is not identified with any persistent or bio-accumulative ingredients. (Toxicity information is available from Product Environmental Data Sheets, Material Safety Data Sheets and Toxicity Summary Sheets for individual products).
- Aquatic life is not adversely affected

when STORM ALERT™ Series products are used and disposed of properly.

- STORM ALERT™ Series products can be successfully treated in biological wastewater treatment systems.

Approval & Listings

ALERT manufactured products are thoroughly inspected and undergo rigorous quality control tests. These evaluations analyze the foam's physical parameters as well as the finished product's fire performance. A Certificate of Analysis (COA) is issued with every batch.

STORM ALERT™ RF3x6% ATC foam concentrate has DIN EN 1568 part 3 & 4 approval under number 04-6-1934/So 01-1.

Ordering Information

STORM ALERT™ RF3x6% ATC foam concentrate is available in pails, drums, totes, and bulk quantities.

PROPERTIES

<i>Visual:</i>	Brown non-newtonian liquid
<i>Specific gravity (25°C):</i>	1,06 kg/l
<i>pH (25°C):</i>	8,0
<i>Viscosity:</i>	Pseudoplastic liquid
<i>Frost resistance:</i>	Product has a freezing stretch starting at a -8° C
<i>Freezing Point:</i>	23°F (-5°C)
<i>Minimum use temp:</i>	5° C
<i>Maximum storage temp:</i>	< 50° C
<i>Sediments:</i>	none

Foam expansion depending on water pressure and type of equipment:

<i>very low expansion:</i>	between 1.5 and 4
<i>low expansion:</i>	between 8 and 20
<i>medium expansion:</i>	between 20 and 50
<i>high expansion:</i>	up to 500
<i>25% drainage time:</i>	> 5 min till 15 min
<i>(depending on water pressure and type of equipment used)</i>	
<i>Product guarantee:</i>	10 years when stored in original package

Salt, fresh and brackish water can be used.

DESCRIPTION	SHIPPING WEIGHT	CUBE
STORM ALERT™ RF3x6 ATC, 5 gallon (20 litre) pail	45 lb (21 kg)	1.25 ft ³ (0.04 m ³)
STORM ALERT™ RF3x6 ATC, 55 gallon (200 litre) drum	495 lb (224 kg)	11.83 ft ³ (0.33 m ³)
STORM ALERT™ RF3x6 ATC, 265 gallon (1000 litre) tote	2465 lb (1118 kg)	50.05 ft ³ (1.42 m ³)
STORM ALERT™ RF3x6 ATC, bulk	Call Customer Services	

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