

RE-HEALING™ RF3X6% ATC™ FOAM CONCENTRATE CONCENTRATES



Description

RE-HEALING™ RF3x6 ATC foam concentrate from SOLBERG® is an innovative environmentally sustainable fluorosurfactant and fluoropolymer-free foam concentrate used to effectively extinguish Class B hydrocarbon fuel fires at 3% and polar solvent fuel fires at 6% solution. RE-HEALING RF3x6 ATC foam can be used in fresh, salt or brackish water. RE-HEALING RF3x6 ATC foam possesses excellent burn back resistance due to its remarkable flow and rapid resealing characteristics. RE-HEALING foam concentrates are formulated using a new high performance synthetic foam technology to replace traditional AFFF, FFFP foam concentrates and older protein and fluoroprotein foams.

Application

RE-HEALING RF3x6 ATC foam concentrate is intended for use on Class B hydrocarbon or polar solvent fuel fires. The foam can be used to prevent re-ignition of a liquid spill and control hazardous vapors. On Class A fuels, RE-HEALING RF3x6 ATC foam will improve extinguishment in deep-seated fires. Foam discharge devices such as air aspirating, as well as non-air aspirating equipment, including

standard sprinkler heads, can be used to obtain maximum results. The product is mixed 3 parts foam concentrate to 97 parts water for hydrocarbon fuels or 6 parts foam concentrate to 94 parts water for polar solvent fuels. It may also be used as a pre-mix solution. RE-HEALING RF3x6 ATC foam is compatible with most dry powder (chemical) agents.

Performance

Fire Performance

RE-HEALING RF3x6 ATC foam concentrate has been tested to and meets the fire performance test criteria of European Standard EN 1568 Part 3 & 4 and International Civil Aviation Organization (ICAO) Levels B and C.

Foam Proportioning

RE-HEALING RF3x6 ATC foam concentrate can be proportioned at the proper foam solution percentage using common foam proportioning devices such as:

- Eductors
- Inline balanced pressure proportioners
- Ratio controllers
- Self-educing nozzles

Typical Physical Properties at 77 °F (25 °C)

| | |
|-----------------------|---|
| Appearance: | Brown liquid |
| Freezing Point: | 23 °F (-5 °C) <i>(No quality loss after thawing)</i> |
| Maximum storage temp: | 120 °F (49 °C) |
| pH: | 7.0 - 8.5 |
| Refractive index: | 1.3750 - 1.3850 |
| Specific gravity: | 1.050 - 1.085 |
| Viscosity: | 4300 - 5900 cP* |
| Sediments: | <0.05% |

*Brookfield Viscometer Spindle #4, Speed 30 rpm

Storage

The storage temperature range for RE-HEALING RF3x6 ATC foam concentrate is 35 °F to 120 °F (1.7 °C to 49 °C).

When stored in original containers or in manufacturer recommended equipment and within the specified temperature range, the shelf life is 20 years.

Compatibility

RE-HEALING RF3x6 ATC foam concentrate should not be mixed with other foam concentrates. For questions about compatibility or mixing, consult Solberg Technical Services.

SOLBERG is a member of PERIMETER SOLUTIONS, a global producer of leading fire retardant, gel and foam brands with a singular purpose: revolutionize the course of fire suppression technology with safer, more effective and more sustainable solutions. Together, we are Moving Industries Forward by Redefining Fire Suppression. www.solbergfoam.com



Materials of

Construction Compatibility

RE-HEALING RF3x6 ATC foam concentrate is compatible with multiple materials of construction such as carbon steel, stainless steel, brass, polyethylene and PVC. Galvanized steel should not be used in direct contact with the foam concentrate. For questions about materials of construction compatibility, consult Solberg Technical Services.

Inspection

RE-HEALING RF3x6 ATC foam concentrate or pre-mix solution should be inspected annually per National Fire Protection Association (NFPA) Standards 11 and 25.

A sample of the foam concentrate should be sent to the manufacturer for quality conditioning testing in accordance to NFPA 11.

Environmental Information

RE-HEALING foam concentrates are fluorosurfactant, fluoropolymer-free products for use on Class B hydrocarbon fuels with no environmental concerns for persistence, bioaccumulation or toxic break down.

Certifications

SOLBERG 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.

RE-HEALING RF3x6 ATC foam concentrate is Approved to European Standard EN 1568 Part 3 & 4 and International Civil Aviation Organization (ICAO) Airport Services Manual (DOC 9137-AN/898) Part 1 - Rescue and Firefighting, Levels B and C (6% solution) Certified.

Ordering Information

RE-HEALING RF3x6 ATC foam concentrate is available in pails, drums, totes and bulk quantities.

| PART NO. | DESCRIPTION | APPROXIMATE SHIPPING WEIGHT | APPROXIMATE CUBE |
|----------|---|-----------------------------|--|
| 20030 | RE-HEALING RF3x6% ATC, 5 gallon (20 litre) pail | 45 lb (21 kg) | 1.25 ft ³ (0.04 m ³) |
| 20031 | RE-HEALING RF3x6% ATC, 55 gallon (200 litre) drum | 495 lb (224 kg) | 11.83 ft ³ (0.33 m ³) |
| 20032 | RE-HEALING RF3x6% ATC, 265 gallon (1000 litre) tote | 2465 lb (1118 kg) | 50.05 ft ³ (1.42 m ³) |
| 20033 | RE-HEALING RF3x6% ATC, bulk | Call Customer Services | |



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