

RE-HEALING™ RF6, 6% FOAM CONCENTRATE

CONCENTRATES



Description

RE-HEALING™ RF6 foam concentrate from SOLBERG® is an innovative environmentally sustainable fluorosurfactant and fluoropolymer-free foam concentrate used to effectively extinguish Class B hydrocarbon fuel fires. Proportioned at 6% solution, RE-HEALING RF6 foam concentrate can be used in fresh, salt or brackish water. RE-HEALING RF6 foam concentrate 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 RF6 foam concentrate is intended for use on Class B hydrocarbon fuel fires. It is not intended for use on Class B polar solvent fuels. The foam can be used to prevent ignition of a liquid spill and control hazardous vapors. On Class A fuels, RE-HEALING RF6 foam will

improve extinguishment in deep-seated fires. Foam discharge devices such as air aspirating, as well as, non-air aspirating equipment can be used to obtain maximum results. The product is mixed 6 parts foam concentrate to 94 parts water. It may also be used as a 6% pre-mix solution. RE-HEALING RF6 foam is compatible with most dry powder (chemical) agents.

Performance

Fire Performance

RE-HEALING RF6 foam concentrate has been tested to and meets the fire performance test criteria of International Civil Aviation Organization (ICAO) Level B.

Foam Proportioning

RE-HEALING RF6 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:	-5 °C (23 °F) <i>(No quality loss after thawing)</i>
Maximum storage temp:	49 °C (120 °F)
pH:	7.0 - 8.5
Refractive index:	1.3600 - 1.3700
Specific gravity:	1.055 - 1.070
Viscosity:	1500 - 2500 cP*
Sediments:	<0.05%

*Brookfield Viscometer Spindle #4, Speed 30 rpm

Storage

The storage temperature range for RE-HEALING RF6 foam concentrate is 1.7 °C to 49 °C (35 °F to 120 °F).

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

Compatibility

RE-HEALING RF6 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 THE AMEREX GROUP, an alliance of independent companies 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 RF6 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 RF6 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 RF6 foam concentrate is certified to International Civil Aviation Organization (ICAO) Airport Services Manual (DOC 9137-AN/898) Part 1 - Rescue and Firefighting, Level B.

Ordering Information

RE-HEALING RF6 foam concentrate is available in pails, drums, totes and bulk quantities.

PART NO.	DESCRIPTION	APPROXIMATE SHIPPING WEIGHT	APPROXIMATE CUBE
80470	RE-HEALING RF6, 6% Foam, 5 gallon (20 litre) pail	45 lb (21 kg)	1.25 ft ³ (0.04 m ³)
80471	RE-HEALING RF6, 6% Foam, 55 gallon (200 litre) drum	495 lb (224 kg)	11.83 ft ³ (0.33 m ³)
80472	RE-HEALING RF6, 6% Foam, 265 gallon (1000 litre) tote	2465 lb (1118 kg)	50.05 ft ³ (1.42 m ³)
80473	RE-HEALING RF6, 6% Foam, bulk	Call Customer Services	

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AMERICAS
THE SOLBERG COMPANY
1520 Brookfield Avenue
Green Bay, WI 54313
USA
Tel: +1 920 593 9445

EMEA
SOLBERG SCANDINAVIAN AS
Radøyvegen 721 - Olsvollstranda
N-5938 Sæbøvågen
Norway
Tel: +47 56 34 97 00

ASIA-PACIFIC
SOLBERG ASIA PACIFIC PTY LTD
3 Charles Street
St. Marys NSW 2760
Australia
Tel: +61 2 9673 5300