

SOLBERG® RE-HEALING™ RF3-LV, 3% LOW VISCOSITY FOAM CONCENTRATE



DESCRIPTION

RE-HEALING™ RF3-LV, 3% Low Viscosity foam concentrate from SOLBERG is a freeze protected innovative environmentally sustainable fluorosurfactant and fluoropolymer-free foam concentrate used to effectively extinguish Class B hydrocarbon fuel fires. Proportioned at 3% solution, SOLBERG RE-HEALING RF3- LV foam concentrate can be used in fresh and salt water. SOLBERG RE-HEALING RF3-LV foam possesses excellent burn back resistance due to its remarkable flow and rapid resealing characteristics. SOLBERG 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

SOLBERG RE-HEALING RF3-LV 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 re-ignition of a liquid spill and control hazardous vapors. On Class A fuels, SOLBERG RE-HEALING RF3-LV 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 3 part foam concentrate to 97 parts water. It may also be used as a 3% pre-mix solution. SOLBERG RE-HEALING RF3-LV foam is compatible with most dry powder (chemical) agents.

PERFORMANCE

Fire Performance

SOLBERG RE-HEALING RF3-LV foam concentrate has been tested to and meets the fire performance test criteria of European Standard EN 1568 Part 3.

Foam Proportioning

SOLBERG RE-HEALING RF3-LV foam concentrate can be proportioned at the proper foam solution percentage using common foam proportioning devices such as:

- Eductors
- Inline balance pressure proportioners
- Ratio controllers
- Self-inducting nozzles



STORAGE

The storage temperature range for SOLBERG RE-HEALING RF3-LV foam concentrate is 5 °F to 122 °F (-15 °C to 50 °C).

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

COMPATIBILITY

SOLBERG RE-HEALING RF3-LV foam concentrate should not be mixed with other foam concentrates. For questions about compatibility or mixing, consult Perimeter Solutions Technical Services.

TYPICAL PHYSICAL PROPERTIES

at 77 °F (25 °C)

Appearance:	Clear, light yellow liquid
Freezing Point: (No quality loss after thawing)	-4 °F (-20 °C)
Maximum storage temp:	120 °F (49 °C)
pH:	7.0 - 8.0
Refractive index:	1.3880 - 1.3970
Specific gravity:	1.055 - 1.070
Viscosity:	8 - 11 cSt*
Sediments:	None

* Cannon-Fenske Viscometer

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MATERIALS OF CONSTRUCTION COMPATIBILITY

SOLBERG RE-HEALING RF3-LV 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 Perimeter Solutions Technical Services.

INSPECTION

SOLBERG RE-HEALING RF3-LV 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

SOLBERG RE-HEALING foam concentrates do not contain intentionally added PFAS chemicals including PFOA and PFOS. In making this statement, SOLBERG relies on information provided by its raw material suppliers and certain independent laboratory analysis conducted on the product.

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.

SOLBERG RE-HEALING RF3-LV foam concentrate is Approved to European Norm (EN) Standard 1568 Part 3.

ORDERING INFORMATION

SOLBERG RE-HEALING RF3-LV foam concentrate is available in pails, drums, totes and bulk quantities.

PART NO.	DESCRIPTION	SHIPPING WEIGHT	CUBE
20200	SOLBERG RE-HEALING RF3-LV, 3% Low Viscosity, 5 gallon (20 litre) pail	45 lb (21 kg)	1.25 ft ³ (0.04 m ³)
20201	SOLBERG RE-HEALING RF3-LV, 3% Low Viscosity, 55 gallon (200 litre) drum	495 lb (224 kg)	11.83 ft ³ (0.33 m ³)
20202	SOLBERGRE-HEALING RF3-LV, 3% Low Viscosity, 265 gallon (1000 litre) tote	2465 lb (1118 kg)	50.05 ft ³ (1.42 m ³)
20203	SOLBERG RE-HEALING RF3-LV, 3% Low Viscosity, bulk	Call Customer Services	-



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FOR MORE INFORMATION

Contact any of our worldwide Perimeter Solutions Fire Safety offices or visit:

www.Perimeter-Solutions.com

UNITED STATES

10667 Jersey Blvd.
Rancho Cucamonga, CA 91730
Tel: +1 800 682 3626
Tel: +1 909 983 0772
salesfoamusa@perimeter-solutions.com

EMEA

Polígono de Baiña, Parcela 23
33682 Mieres (Asturias)
Spain
Tel: +34 985 24 29 45
salesfoamemea@perimeter-solutions.com

ASIA PACIFIC

3 Charles Street
St Marys NSW 2760 – Australia
Tel: +61 2 9673 5300
salesfoamapac@perimeter-solutions.com

perimeter-solutions.com

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