Perimeter SOLUTIONS
Quality Products. Exceptional Response.

Solutions That Save.

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

SOLBERG FLUORINE-FREE FOAM

TYPICAL PHYSICAL PROPERTIES
AT 77 ˚F (25 ˚C)

Appearance: Brown liquid
Freezing Point: 23 °F (-5 °C)
(Freeze-Thaw Stable)
Maximum Storage Temp: 120°F (49°C)
pH: 6.5 - 7.5
Refractive Index: 1.3810 - 1.3890
Specific Gravity: 1.04 - 1.08
Viscosity: 5000 - 8000 cPs*
Sediments: < 0.05%

*Brookfield Viscometer Spindle #4, Speed 30 rpm

DESCRIPTION

SOLBERG® RE-HEALING™ RF3 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 3% solution, SOLBERG RE-HEALING RF3 foam concentrate can be used in fresh, salt or brackish water. SOLBERG RE-HEALING RF3 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. RE-HEALING RF3 foam concentrate contains no sediments.

APPLICATIONS

SOLBERG RE-HEALING RF3 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 foam will improve extinguishment in deep-seated fires. Foam discharge devices such as air aspirating, as well as, non-air aspirating equipment, including standard fire sprinkler heads, 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 foam is compatible with most dry powder (chemical) agents.†

PERFORMANCE

Fire Performance

SOLBERG RE-HEALING RF3 foam concentrate has been tested to and meets the fire performance test criteria of Underwriters Laboratories, Inc. (UL) Standard 162, Underwriters' Laboratories of Canada (ULC) Standard S564, FM Approval Standard 5130, European Standard EN 1568 Part 3 and International Civil Aviation Organization (ICAO) Levels B and C.

Foam Proportioning

SOLBERG RE-HEALING RF3 foam concentrate can be proportioned at the proper foam solution percentage down to product temperatures of 35°F (1.7°C) using common foam proportioning devices†† such as:

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

Foam Discharge Outlets

Multiple foam generating equipment is approved or listed for a wide variety of system applications. Equipment including various foam makers and chambers; portable and fixed foam discharge nozzles; foam water sprinklers; and standard sprinklers.

STORAGE

The storage temperature range for SOLBERG RE-HEALING RF3 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

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

Materials of Construction Capability

SOLBERG RE-HEALING RF3 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 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.

ENVIRONMENT 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.

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

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 foam concentrate is:

- Underwriters Laboratories, Inc. Listed in accordance with UL 162 (Standard for Safety for Foam Equipment and Liquid Concentrates)
- Underwriters' Laboratories of Canada Listed (Standard for Category 1 Foam Liquid Concentrates ULC S564)
- FM Approved per Approval Standard 5130
- European Norm (EN)Standard 1568 Part 3 Approved
- International Civil Aviation Organization (ICAO) Airport Services Manual (DOC 9137-AN/898) Part 1 - Rescue and Firefighting, Levels B and C Certified
- Compliant with Boeing Corrosion Standard BSS 7432
- GreenScreen Certified Silver®

SOLBERG RE-HEALING RF3 is GreenScreen Certified® at the Silver level.

ORDERING INFORMATION

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

Part No.	Description	Approximate Shipping Weight	Approximate Cube
20020	SOLBERG RE-HEALING RF3, 3%, 5 gallon (20 litre) pail	45 lb (21 kg)	1.25 ft³ (0.04 m³)
20021	SOLBERG RE-HEALING RF3, 3%, 55 gallon (200 litre) drum	495 lb (224 kg)	11.83 ft³ (0.33 m³)
20022	SOLBERG RE-HEALING RF3, 3%, 265 gallon (1000 litre) tote	2465 lb (1118 kg)	50.05 ft³ (1.42 m³)
20023	SOLBERG RE-HEALING RF3, 3%, bulk	Call Customer Services	

† Not an FM Approved Configuration
†† See FM Approval Guide

Perimeter SOLUTIONS
Quality Products. Exceptional Response.

Solutions That Save.

FOR MORE INFORMATION

Contact any of our worldwide Perimeter Solutions Fire Safety offices or visit:
www.Perimeter-Solutions.com

UNITED STATES
1520 Brookfield Avenue
Green Bay, WI 54313
Tel: +1 800 682 3626
Tel: +1 920 593 9445
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

NOTICE PERIMETER SOLUTIONS MAKES NO REPRESENTATIONS OR WARRANTIES AS TO THE COMPLETENESS OR ACCURACY OF THE INFORMATION INCLUDED HEREIN. THE INFORMATION CONTAINED HEREIN IS NOT INTENDED TO PROVIDE REGULATORY, LEGAL OR EXPERT ADVICE RELATING TO THE PRODUCTS, ITS APPLICATION OR USES. NOTHING CONTAINED HEREIN IS TO BE CONSTRUED AS A RECOMMENDATION TO USE ANY PRODUCT, PROCESS, EQUIPMENT OR FORMULATION IN CONFLICT WITH ANY INDUSTRIAL PROPERTY OR INTELLECTUAL PROPERTY RIGHTS, AND PERIMETER SOLUTIONS MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, THAT THE USE THEREOF WILL NOT INFRINGE ON ANY INDUSTRIAL PROPERTY OR INTELLECTUAL PROPERTY RIGHTS. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION CONTAINED HEREIN.

© 2024 PERIMETER SOLUTIONS LP. ALL RIGHTS RESERVED. PERIMETER SOLUTIONS, SOLBERG AND RE-HEALING ARE TRADEMARKS OF PERIMETER SOLUTIONS LP OR ITS AFFILIATES.
GREENSCREEN CERTIFIED® IS A REGISTERED TRADEMARK OF CLEAN PRODUCTION ACTION.

PCC-2020003-V5