

SOLBERG® RE-HEALING™ RF1-FP SFFF

**1% FLUORINE-FREE - FREEZE PROTECTED
FOAM CONCENTRATE**



**FLUORINE-FREE
FOAM**

FAST FACTS

- EN 1568-3:2018 Approved
- American Bureau of Shipping Type Approval (ABS)
- LASTFIRE batch-certified
- Biodegradable and non-persistent
- Newtonian low viscosity makes for easy proportioning
- Fast knockdown & extinguishing
- Compatible with multiple equipment systems
- Contains no siloxanes

DESCRIPTION

SOLBERG® RE-HEALING™ RF1-FP SFFF is specifically designed to meet the needs of Floating Production Storage and Offloading (FPSO). SOLBERG RE-HEALING RF1-FP SFFF foam concentrate contains cutting-edge technology that is not persistent, contains no silicone/siloxane chemistries, and contains no intentionally added per- and polyfluoroalkyl substances (PFAS). SOLBERG RE-HEALING RF1-FP SFFF is designed for fast knockdown and extinguishment of hydrocarbon fuels. This Newtonian low viscosity 1% freeze protected fluorine-free foam concentrate is a combination of proprietary hydrocarbon surfactants and additives delivering excellent foaming, vapor sealing, and stability.

APPLICATIONS

SOLBERG RE-HEALING RF1-FP SFFF is specifically designed for fast knockdown and extinguishment of hydrocarbon spill fires. SOLBERG RE-HEALING RF1-FP SFFF can also be used with low-expansion discharge devices, including a variety of nozzles and monitors. It is fully compatible and easily proportioned with standard firefighting equipment, including in-line inductors, self-inducting nozzles, fire truck pumps, bladder tanks, pump skids, balanced pressure systems, and more.



CERTIFICATIONS

SOLBERG RE-HEALING RF1-FP SFFF meets the standards listed below:

- EN 1568-3:2018 (Fresh Water: IB / Seawater: IB)
- American Bureau of Shipping Type Approval (ABS)
- LASTFIRE batch-certified as GOOD/GOOD/ACPT with 3 nozzles (semi, asp, system)

USAGE RATE

The proportioning rate is 1% for hydrocarbons.

FOAM PROPERTIES

Dilution Rate	1%
Low Expansion Foam (UNI-86) - Fresh Water	
Foam Expansion	> 7.0
25% Drain Time (min:s)	> 2:00
Low Expansion Foam (UNI-86) - Seawater	
Foam Expansion Index	> 6.5
25% Drain Time (min:s)	> 6:00

TYPICAL PROPERTIES

Specific Gravity, g/cm3	1.07 - 1.10
pH @ 68°F / 20°C	7.0 - 8.0
Viscosity mPa.s/cPs @ 20°C	20 cP
Freeze Point (°F / °C)	0°F / -18°C

INSPECTION

SOLBERG RE-HEALING RF1-FP SFFF should be tested annually per National Fire Protection Association (NFPA 11) and EN 13565-2 standards. A sample of the foam concentrate should be sent to the manufacturer or qualified third-party lab to confirm that physical properties and foam quality meet the specifications of the foam as originally supplied as per the requirements of NFPA 11 and EN 13565-2.

PACKAGING

The product is supplied in five-gallon pails (20 litre), 55-gallon drums (200 litre), and 265-gallon totes (1000 litre).

STORAGE/MATERIAL COMPATIBILITY

SOLBERG RE-HEALING RF1-FP SFFF should be stored between 0°F and 118°F / -18°C and 48°C, preferably in the original containers. It is compatible with multiple materials of construction found in firefighting equipment. For questions about material of construction compatibility, consult Perimeter Solutions technical services.

The shelf life of any foam concentrate is maximized by proper storage conditions and maintenance. Factors affecting shelf life are wide temperature fluctuation, evaporation, dilution, and contamination by foreign materials. When stored in original containers or in manufacturer-recommended equipment and within the specified temperature range SOLBERG foam concentrates have demonstrated effective firefighting performance of 10 years or greater.

**CAUTIONS**

Foams should not be used in contact with electrical equipment or with chemical products that can react with water. It is recommended to avoid contact of the foam concentrate with skin. In case of eye splashes, wash with plenty of water. In case of ingestion, do not induce vomiting, drink water and seek medical advice.

Contains no intentionally added PFAS.

**Trusted. Solutions That Save.****FOR MORE INFORMATION**

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