

RE-HEALING™ RF-MB FOAM CONCENTRATE CONCENTRATES



SOLBERG



Description

RE-HEALING™ RF-MB foam concentrate from SOLBERG® is an innovative environmentally sustainable fluorosurfactant and fluoropolymer-free multipurpose foam concentrate, used to effectively extinguish Class A fuel fires and Class B hydrocarbon fuel fires, including biofuels up to E-85. Proportioned at 0.5% for Class A fuels, and 3% for Class B fuels, RE-HEALING RF-MB foam can be used in fresh, sea or brackish water. RE-HEALING RF-MB 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 both traditional AFFF, FFFP foam concentrates and older protein and fluoroprotein foams. RE-HEALING RF-MB foam concentrate contains no sediments.

Application

RE-HEALING RF-MB foam concentrate is intended for use on Class A ordinary combustibles and Class B hydrocarbon fuel fires. It is not intended for use on Class B polar solvent fuels other than biofuels up to E-85. The foam can be used to

prevent re-ignition of liquid spills and to control hazardous vapours. On Class A fuels, RE-HEALING RF-MB foam concentrate will improve extinguishment of deep-seated fires. Foam discharge devices including both non-air aspirating and air aspirating equipment can be used to obtain maximum results. The product may also be used as a pre-mix solution. RE-HEALING RF-MB foam is compatible with most dry powder (chemical) agents.

Performance

Fire Performance

RE-HEALING RF-MB foam concentrate has been tested to and meets the fire performance test criteria of European Standard EN 1568 Part 3 (current edition).

Foam Proportioning

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

- Eductors
- Self-educing nozzles
- Compressed Air Foam Systems

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

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:	1.3865 - 1.3869
Specific gravity:	1.062 - 1.069
Viscosity:	3400 - 3800 cps*
Sediments:	None

*Brookfield Viscometer Spindle #4, Speed 30

Storage

The storage temperature range for RE-HEALING RF-MB foam concentrate is from 1.7 °C to 49 °C (35 °F to 120 °F). The lowest temperature for use is -5 °C (23 °F).

When stored in original containers or in manufacturer recommended equipment and within the specified temperature range, the shelf life is 10 years.

Compatibility

RE-HEALING RF-MB foam concentrate should not be mixed with other foam concentrates.

For questions about compatibility or mixing, consult Solberg Technical Services.

Solberg is a global company that is a one-stop resource for firefighting foam concentrates and custom-designed foam suppression systems hardware, offering both traditional and innovative firefighting foam technology. www.solbergfoam.com



Materials of Construction Compatibility

RE-HEALING RF-MB 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 RF-MB 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 and fluoropolymer-free products with no environmental concerns regarding persistence, bioaccumulation or toxic break-down. RE-HEALING RF-MB also meets the requirements of HOCNF.

Approvals & Listings

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 RF-MB foam concentrate is Approved to European Standard EN 1568 Part 3 and meets the fire performance requirements of EN 1568 Parts 1 and 4 as witnessed by DET NORSKE VERITAS (DNV) on E-85.

Ordering Information

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

PART NO.	DESCRIPTION	APPROXIMATE SHIPPING WEIGHT	APPROXIMATE VOLUME
20180	RE-HEALING RF-MB, 20 litre (5 gallon) pail	21 kg (45 lb)	0.04 m3 (1.25 t3)
20181	RE-HEALING RF-MB, 200 litre (55 gallon) drum	224 kg (495 lb)	0.33 m3 (11.83 t3)
20182	RE-HEALING RF-MB, 1000 litre (265 gallon) tote	1118 kg (2465 lb)	1.42 m3 (50.05 t3)
20183	RE-HEALING RF-MB, bulk	Call Customer Services	