

SOLBERG® 3% MIL-SPEC SFFF



FAST FACTS

- Meets MIL-PRF-32725
- Internally tested to meet MIL-PRF-32725 in salt water
- ICAO Level B and ICAO Level C Certified
- GreenScreen Certified Silver®
- Positive spreading coefficient on jet fuel
- Biodegradable and non-persistent
- Newtonian viscosity makes for easy proportioning
- Fast knockdown & extinguishing
- Compatible with multiple equipment systems
- Contains no siloxanes



DESCRIPTION

SOLBERG® 3% MIL-SPEC SFFF (Patent pending) is specifically designed to meet the needs of military land-based operations. SOLBERG 3% MIL-SPEC 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 3% MIL-SPEC SFFF is designed for fast knockdown and extinguishment of gasoline and Jet A fuel spill fires as identified in MIL-PRF-32725. This fluorine-free foam concentrate is a combination of proprietary hydrocarbon surfactants and additives delivering excellent foaming, vapor sealing, and stability.

APPLICATIONS

SOLBERG 3% MIL-SPEC SFFF is specifically designed for fast knockdown and extinguishment of gasoline and Jet A/Jet A1 fuel spill fires. SOLBERG 3% MIL-SPEC 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 3% MIL-SPEC SFFF meets the standards listed below:

- BSS7432 - Boeing Specification for the Evaluation of Airplane Maintenance Materials
- GreenScreen Certified Silver®
- MIL-PRF-32725
- ICAO B and ICAO C



USAGE RATE

The proportioning rate is 3% for hydrocarbons.

FOAM PROPERTIES

Dilution Rate	3%
Low Expansion Foam (UNI-86)	
Foam Expansion	7 - 10
Drain Time	5 - 10 minutes
Low Expansion Foam (NRL Nozzle)	
Foam Expansion	7 - 10
Drain Time	7 - 12 minutes

TYPICAL PROPERTIES

Specific Gravity, g/cm³	1.04 - 1.08
pH @ 68°F	7.0 - 8.0
Viscosity	11 - 17 cSt
Refractive Index	1.370 - 1.410
Freezing Point °F (°C)	13°F (-11°C)

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INSPECTION

SOLBERG 3% MIL-SPEC SFFF, or a premix solution, 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, 55-gallon drums, and 265-gallon totes.

PART NUMBER	DESCRIPTION
20285	5-gallon pail
20286	55-gallon drum
20287	265-gallon tote
20284	Bulk

STORAGE/MATERIAL COMPATIBILITY

SOLBERG 3% MIL-SPEC SFFF should be stored between 35°F - 120°F, preferably in the original containers. It is compatible with multiple materials of construction found in firefighting equipment. According to MIL-PRF-32725, this product is not compatible with other products listed on the Qualified Products Database. 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.



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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

1520 Brookfield Avenue
Green Bay, WI 54313
Tel: +1 (920) 593-9445
salesfoamusa@perimeter-solutions.com

EMEA

Polígono Industrial de Baiña, Parcela 23
33682 Baiña-Mieres (Asturias) – Spain
Tel: +34 985 24 29 45
salesfoamea@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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