

## SOLBERG SPARTAN™ 1%

## FLUORINE-FREE CLASS A/B FOAM CONCENTRATE



### FAST FACTS

- One foam for multiple fuels – Independently approved on Class A and Class B fuels
- UL 162 listed at 1% for Class B Hydrocarbon fuel fire
- UL Wetting Agent – listed for both Class A and Class B fires
- Low viscosity (water like), easy to proportion and use with conventional firefighting equipment
- Designed to give firefighters a tactical advantage to achieve total fire suppression on structure, wildland, vehicle, gasoline, and dumpster fires
- Dramatically cuts water usage



### APPLICATIONS

SOLBERG SPARTAN 1% fluorine-free foam concentrate is designed for use on Class A and Class B hydrocarbon fuel fires (gasoline, crude oil, aviation fuels, diesel, etc.) at 1% proportioning. The foam concentrate is not intended for use on Class B polar solvents or water miscible fuels, such as alcohols, ketones, esters and others. On Class A fuels, the foam concentrate is used as a wetting agent in accordance with ANSI/NFPA 18.

SOLBERG SPARTAN 1% is compatible with conventional firefighting equipment, such as inline edcutors, self-inducting nozzles, low-expansion non-air aspirating and air aspirating nozzles, monitors, medium-expansion foam devices and Compressed Air Foam Systems (CAFS).

### DESCRIPTION

**SOLBERG SPARTAN™ 1%** is our most effective fluorine-free Class A/B foam concentrate. This world-leading technology is designed to provide firefighters with a tactical advantage to achieve total fire suppression on structure, wildland, vehicle, gasoline, and dumpster fires.

**One foam, 99% of fires.** Providing cooling and fire suppression power, SOLBERG SPARTAN 1% knocks down flames fast, reduces flashover conditions, and shields structures from heat and flame. It delivers fast fire knockdowns, efficiency, and great resource utilization. Its fast extinguishment reduces water usage and property damage.

SOLBERG SPARTAN 1% has low viscosity and is easy to proportion. Engineered for rapid knockdown, it extends tactical endurance and reduces strain on critical resources -- allowing crews to operate more efficiently.

### CERTIFICATIONS

- **UL 162/ULC S654 Listed - 1% for Class B** Hydrocarbon Non Water Miscible Fuel Fires
- **UL/ULC Classified** - 0.1% for Class A fires and 0.25% for Class B Non-Water Miscible Fires
- **Class A Wetting Agent** in accordance with ANSI/NFPA 18

### TYPICAL PHYSICAL PROPERTIES

<b>Specific Gravity @ 68 °F (20 °C)</b>	<b>1.020 – 1.060</b>
<b>pH</b>	<b>7.0 ± 0.5</b>
<b>Viscosity (LV-1 Spindle @ 60 RPM)*</b>	<b>2 – 10 cP</b>
<b>Refractive Index</b>	<b>1.3700 – 1.3800</b>
<b>Lowest Temperature for Use</b>	<b>35 °F (1.7 °C)</b>
<b>Freezing Point</b>	<b>23 °F (-5 °C)</b>

\*Brookfield LVT

**INSPECTION**

SOLBERG SPARTAN 1%, or a premix solution, should be tested annually per National Fire protection Association (NFPA 11). A sample of the foam concentrate should be sent to the manufacturer or qualified third-party lab to confirm physical properties and foam quality meet the specifications of the foam as originally supplied as per the requirements of NFPA 11.

**PACKAGING**

ORDERING INFORMATION			
SOLBERG SPARTAN 1% FLUORINE-FREE	lbs.*	kgs.*	Part #
<b>5 Gallon Pail (19 litres)</b>	<b>43</b>	<b>19</b>	<b>20962</b>
<b>55 Gallon Drum (208 litres)</b>	<b>468</b>	<b>212</b>	<b>20963</b>
<b>265 Gallon Tote (1003 litres)</b>	<b>2255</b>	<b>1023</b>	<b>20964</b>

\*Approximate shipping weight

Contact your local authorized SOLBERG distributor or factory sales representative for additional details. [perimeter-solutions.com](http://perimeter-solutions.com)

**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.

**STORAGE/MATERIAL COMPATIBILITY**

SOLBERG SPARTAN 1% should be stored between 0 °C and +50 °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 for 10 years or greater.

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.



**Trusted. Solutions That Save.**

**FOR MORE INFORMATION**

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