

Solberg SCTF Training Foam Concentrate

Fluorine-Free Foam

Product Overview

SOLBERG® SCTF is a super concentrated Training Foam which is an economical product designed for cold and hot training exercises. The product is packaged as a one litre bottle of super concentrate. After adding the contents of the bottle to water, proportion the mixture through air-aspirated or non air-aspirated equipment. The resulting foam can be used for cold training exercises to allow crews to become familiar with their equipment and have minimal environmental impact. In addition, the foam can be used for hot training exercises on hydrocarbon, non-water miscible fuels.

Application

SOLBERG SCTF Training Foam should be used through conventional fire fighting foam making equipment with fresh water. Sea or brackish water can be used, but performance of the foam will decrease. This can be remedied by adding an additional 1 litre bottle of SCTF to the training foam mix. Self-educing foam nozzles or in-line inductors are common types of hardware for application. In addition, non-aspirating nozzles can be used.

Mixing Instructions

For mixing, it is recommended that an old firefighting foam 20 litre pail be used to prepare the solution. First fill the 20 litre pail with approximately 19 litres of water. Add the entire contents of the 1 litre bottle SCTF Training Foam to the 19 litres of water. Stir, tumble or shake the mixture to ensure optimal dispersion of the superconcentrate in the water.

Environmental/Toxicological Properties

SOLBERG SCTF Training Foam has undergone a programme of testing to assess the impact of foam on the natural environment. This product is low in toxicity to tested aquatic organisms in its diluted format and applied through fire fighting equipment. Test data shows that this product is readily biodegradable. (Material Safety Data sheet and Product Environmental Data information are available upon request.) SCTF is organohalide free, and does not use any fluorochemical materials.

Typical Physiochemical Properties	
Appearance	Light yellow to straw coloured liquid
Nominal use concentration	6%
Specific Gravity @ 20°C	1.039
Viscosity (Kinematic) @ 20°C	20 Centistokes
Minimum use temperature	1.7°C
Surface Tension (1% solution)	29mN/m
Storage Temperature	1.7° - 49°C
Freeze Point	- 8°C
pH @ 20°C	7.2



Solberg DoD 3155 Training Foam Concentrate

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Compatibility

SOLBERG DoD 3155 Training Foam Concentrate has the following key features that makes it a superior product for training ground applications.

- **Visual Substitute:** SOLBERG SCTF Foam looks like an typical foam concentrate, and is used with conventional fire fighting foam making equipment.
- **Ready Re-ignition:** Unlike a typical Foam concentrate, SOLBERG SCTF allows the fuel to be readily re-lit.
- **Cold Training:** With minimum environmental impact, the foam is suitable for equipment familiarisation through cold training exercises.
- **Safety:** As the foam is designed to be purpose-mixed for each training session, there is no risk of accidental substitution for a foam concentrate in a real fire situation.
- **Warehousing:** The foam's 1 litre superconcentrate pack requires less warehouse space than other ready made foams supplied in 20 litre pails.

