

## DANE 3% SFFF - Non Fluorinated Fire Fighting Foam

### Product Data Sheet

#### 1. Description

Freeze Protected SFFF synthetic fluorine free foam concentrate compound for extinction of class A and class B (hydrocarbon) fires. Our concentrate is a combination of surfactants and other ingredients to produce a blanket of foam that rapidly spreads over the surface of the fuel and provides rapid control and extinguishment, reducing vapor leaks and preventing contact with the oxygen.

#### 2. Use

It may be used with low expansion foam equipment (nozzles, monitors, foam chambers, etc), non-aspirating devices (water spray nozzles and standard sprinklers) and medium expansion foam branches.

#### 3. Dosage

The dilution rate is 3% in fresh or sea water. It may be proportioned with standard equipment (in-line inductors, bladder tanks, balanced pressure systems, etc) and special purpose ones for SFFF agents.

#### 4. Specifications

The typical characteristics of the concentrate are:

##### CONCENTRATE - SFFF 3%

Density at 20°C , Gr/cm <sup>3</sup>	1,0237 +/- 0,02
PH 20°C	7,5 +/- 0,5
Viscosity - Rotor 3 - 30 RPM 20°C	< 10
Freezing Temp °C	-2
Minimum Temp Usage °C	1,7
Dilution Rate	3%

#### 5. Packaging

The product is supplied in 55 gal (208 Ltrs) PE cylindrical drums and 256 gal (970 Ltrs) IBC containers.

#### 6. Performance

The foam achieves a very quick knock-down of fires, even with low application rates, and shows an excellent burnback resistance.

#### 7. Storage

The concentrate should be stored at temperatures between 35 °F and +122°F, preferably in the original containers or in stainless steel or epoxy lined tanks. Avoid permanent contact with carbon steel, iron, copper alloys, aluminum, etc. Do not mix with other foam concentrates without a previous verification of compatibility.

#### 8. Cautions

Foams should not be used in contact with electrical equipment, nor with chemical products that can react with water. It is recommended to avoid the contact of the foam concentrate with the skin. In case of eye splashes wash with plenty of water. In case of ingestion do not induce vomit, drink water and take medical advice.

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