



Description

Suolong SF-FP/AR3-3% is a Fluoro-protein alcohol resistant foam which consists of hydrolyzed protein based foam with Fluorocarbon surfactants. This Foam is specialized on extinguishing polar solvent and flammable hydrocarbon fires. This low viscosity foam has low expansion property and it's adaptable to various foam system.(Low & Medium Foam Type)

Performance & Application

Suolong SF-FP/AR3% is the most effective solution on large area of oil/solid mass fires. As low viscosity of foam agent, it can have a rapid and effective fire knock down. Major field of application can be: Chemical Industries and plant/Chemical vessels/On-shore/off-shore plant

Environment Protection

Suolong has a great concern on safety and protection of Environment. in order to provide Environmentally-Friendly Product Suolong foam do not contains PFOS/PFOA and is easily biodegradable.

Suolong foam is formulated using shorter-chain C6 fluoro chemicals which are manufactured using telomer-based process. This process produces no PFOS and the C6 materials do not breakdown to yield PFOA.

Technical Specification

Density with 25°C (g/cm ³)		1.00~1.20
Kinematic Viscosity to 20°C (mm ² /s)		≤20
Appearance		Brown clear liquid
PH at 20°C		6.0 ~ 9.5
Precipitate Contents expressed in % V/V		≤0.25%
Freezing Point	Normal Type	≤ - 15 °C
	Cold-Resistant Type	≤ - 30 °C
Foam Expansion Ratio		≥6.0
Mixture ratio		3%
25% drainage time		≥4 min
50% drainage time		≥6 min
Fire Extinction Time		≤3 min
Burn-back time		≥10 min
Storage Temperature		-5 °C~+60°C

Test Standard

- IMO MSC.1/Circ.1312
- Chinese National Standard GB15308-2006
- ISO7203-1

Approvals

- MED Type Approval
- CCS Type Approval