

SUOLONG SFE-AFFF/AR3-3%

Alcohol resistant Aqueous Film Forming Foam Concentrate



Description

SUOLONG SFE-AFFF/AR3-3% is a high qualified alcohol resistant Aqueous Film Forming Foam Extinguishing Agent, based on fluorochemical with hydrocarbon surfactants including non-toxic chemical components. This specialized alcohol resistant property gives outstanding performance on hydrocarbon and polar solvents fires.

Performance

SUOLONG SFE-AFFF/AR3-3% provides a rapid knock-down and excellent burn-back resistance on hydrocarbon B fuel and polar solvents/alcohols fires.

Application

Major field of application can be:
Petrochemical industries & plant/Oil depots /Off shore platform/Marine Chemical Tankers including wide range of hazardous areas.

Storage and Shelf life

SUOLONG SFE-AFFF/AR3-3% is stored long term in the sealed original containers or in non-corrosive plastic or stainless steel tanks. High temperatures up to 50°C do not affect the quality, neither does temporary freezing below the specified frost resistance limit.

Suolong Foam Concentrate can be stored long periods of time in original unopened packing under indicated temperatures . Recommended materials for storage are Stainless steel(STS304/316L), Plastic container & GRP container.

Environment

Suolong has a great concern on safety and protection of Environment. In order to provide Environmentally-Friendly Product, SUOLONG SFE-AFFF/AR3-3% is formulated using shorter-chain C6 fluorochemicals which are manufactured using telomer-based process. This process produces no PFOS and the C6 materials do not breakdown to yield PFOA.

Physical properties and technical data

Mixture ratio		3%(Hydrocarbons)x3%(Polar Solvent)
Appearance		pale yellow liquid
Density with 25°C	g/cm ³	1.00~1.05
Kinematic Viscosity to 20 °C	mm ² /s	1000~1500, Pseudoplastic, Thixotrope liquid
pH in 20°C		6.0 ~ 9.5
Spreading coefficient	mN/m	Positive number
Sediment	V/V %	≤ 0.10%
Freezing Point	°C	≤ - 5 °C
Foam Expansion Ratio		≥ 7.0
25% drainage time	min:s	≥ 5:00
Storage Temperature		0°C~+50°C



Packaging

SUOLONG SFE-AFFF/AR3-3% is available in plastic cans, plastic drums, pallet containers (totes).

Type	Size
25 L cans	0.27*0.27*0.42
200L drums	0.60*0.60*0.90
1000L IBC	1.05*1.05*1.10

Approvals

SUOLONG SFE-AFFF/AR3-3% is a type approved foam concentrate according to the following standards:

- EN 1568-3:2008
- EN 1568-4:2008

