Fomtec ARC 1×1 NV – AR-AFFF foam concentrate (MED)



Alcohol-resistant aqueous film-forming foam (AR-AFFF) concentrate. On hydrocarbons (oil, diesel) it forms an aqueous film that cuts off oxygen; on polar liquids (alcohols, acetone, solvents) it forms a polymeric membrane that suppresses vapours and keeps the foam on the surface. For class A and B fires, as low- and medium-expansion foam; with fresh and sea water.

Low viscosity makes proportioning easy in fixed systems. Environmentally documented according to HOCNF.

Technical data

- **Type:** AR-AFFF
- **Proportioning:** 1% on hydrocarbons and on polar solvents
- **Chemistry:** short-chain C6 fluorochemistry, PFOS-free
- **Freezing point:** approx. -21 °C
- **Density (20 °C):** 1.065 ± 0.010 g/ml
- **pH:** 6.5–8.5
- **Viscosity (20 °C):** < 40 mPa·s (Newtonian – easy to pump)
- **Expansion / 25% drainage time:** 9:1 / 3 min 30 s (EN 1568-3, UNI 86 nozzle)
- **Storage temperature:** -20 to 55 °C
- **Shelf life:** over 10 years in original, unopened packaging (temperate climate)
- **Approvals:** MED Module B and D, IMO MSC.1/Circ.1312, EN 1568-3 and -4
- **Packaging:** canister, IBC; others on request

Manufacturer: Dafo Fomtec AB (Sweden). MED certificates, technical datasheet and safety data sheet available on request.