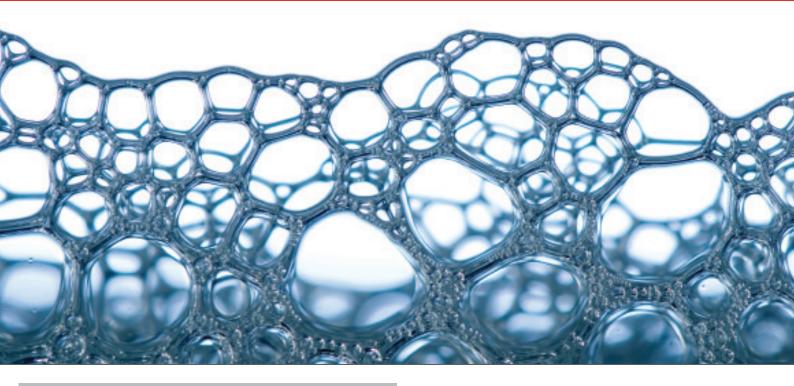


# Angus Respondol ATF C 3x3 Fluorine Free Foam Concentrate

## Industry > Foam agents > Respondol ATF C 3x3



## Angus Respondol ATF C 3-3%

Respondol ATF C 3-3 is a superior quality 3% synthetic fluorine free (FF) foam concentrate, designed for extinguishing and securing all types of flammable liquid fires and Class A incidents. Respondol ATF C 3-3 has been designed specifically for emergency responders who are faced with a variety of risks in a range of situations.

Respondol ATF C 3-3 is a patented combination of surfactants and other ingredients to produce a vapour sealing blanket of foam that rapidly spreads over the surface of the fuel to provide rapid control and extinguishment.

- Unique patented formulation only available from Angus Fire.
- Specifically designed for those emergency responders under environmental pressures.
- Approved to EN1568:2018 part 1, 2, 3 and 4 on all fuels and all water types.



#### Features

- A superior quality 3% synthetic Flurorine Free Foam concentrate.
- Lower viscosity allows for easy induction.
- Provides a vapour-sealing blanket of foam that rapidly spreads over the fuel surface to provide rapid control and extinguishment.
- Use a 3% on hydrocarbons and polar solvents and is readily proportioned using conventional foam proportioning equipment - portable and fixed.

#### **Applications**

Respondol ATF C 3-3 is used in high risk situations where hydrocarbons (such as oils, gasoline, diesel fuel, and aviation kerosene) are stored, processed, or transported and/or polar solvents (such as alcohols, ketones, esters, and ethers) are stored, processed, or transported.

Respondol ATF C 3-3 provides a vapour suppressing foam blanket on unignited hydrocarbon spills.

Respondol ATF C 3-3 can also be used as a wetting agent in combating fires in Class A materials such as wood, paper, and tyres.

#### **Approvals and listings**

Respondol ATF C 3-3 is independently tested and certified to EN1568:2018 part 1, 2, 3 and 4 in both fresh and sea water.

Respondol ATF C 3-3 % has an ICAO Level B approval. Respondol ATF C 3-3 is fully GreenScreen Certified tot Silver version 2.2 (1e)

Kenbri Fire Fighting B.V. EN\_A1620 V1-0717 Industriestraat 8 - 3281 LB - Numansdorp - The Netherlands T +31(0)187 49 35 88 - E info@kenbri.nl - www.kenbri.nl Follow us: You Tube I in F



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## Equipment

Respondol ATF C 3-3 is intended for use at 3% on hydrocarbons and polar solvents. It is readily proportioned using conventional foam proportioning equipment such as portable and fixed (in-line) foam proportioners. Respondol ATF C 3-3 should be used with air aspirating discharge devices.

## Compatibility

Respondol ATF C 3-3 is suitable for use in combination with:

- Soft or hard, fresh, brackish or sea water.
- Expanded protein-based or synthetic foams for application to a fire in sequence or simultaneously.

### **Environment**

Respondol ATF C 3-3 is 100% biodegradable and is manufactured without any intentionally added fluorinated surfacants or fluorinated polymers.

### Storage

Respondol ATF C 3-3 is exceptionally stable in longterm storage. A shelf-life of at least ten years can be expected if it is stored correctly.

#### Disposal

For fire water runoff and accidental spillage please refer to Angus Fire's Foam Disposal Guide and MSDS for more information.

## **Product Quality**

Respondol ATF C 3-3 production is closely controlled, Angus Fire operates a quality management system which complies with the requirements of BS EN ISO 9001 and BS EN ISO 14001.









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Typical Physico-Chemical Properties		
Appearance		Light Yellow
Specific gravity @ 20°C (68°F)		1.01 - 1.05
pH @ 20°C (68°F)		7.5 - 8.5
Viscosity @ 20°C (68°F)	cP	Non-newtonian
Maximum continuous storage temperature	°C (°F)	49 (120)
Maximum intermittent storage remperature	°C (°F)	60 (140)
Freezing point	°C (°F)	-9 (15.8)
Effect of freeze/thaw		No loss of performance
Lowest use temperature	°C (°F)	-8 (17.6)

### **Typical Foam Properties:**

Foam generated using the U.K. Defence Standard DE	F42-40 5 lpm branchpipe at 7 Bar pressure	. Foam collected in a 1630 ml N.F.P.A. drainage pan.
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Induction rate		3
Expansion ratio		≥ 7:1
25% drainage time	hour/min/sec	≥ 1′00′00‴

## Typical Packing Specifications:

	Plastic Square	Plastic Square	Plastic Cylindrical	Plastic Cylindrical	Ecobulk MX
Capacity	25 litres	5 US gallons	200 litres	55 US gallons	1000 litres
Empty weight (kg)	1,2	0,8	9	9	70
Filled weight (kg)	27	20	215	223	1100
Dimensions (mm)	448 x 286 x 286	402 x 293 x 240	580 D x 922 H	580 D x 922 H	1200 L x 1000 W x 1160 H
Part number	FN0525G0P	FN0525T0P	FN0525J0P	FN0525W0P	FN0525L8

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