

# POLARFILM

## Polar Solvent AFFF

# ORION

SAFETY INDUSTRIES  
Pty Limited

### DESCRIPTION.

In the development of POLARFILM we have attempted to produce a product which is comparable in fire test performance to the best performing products in the world. Laboratory tests indicate that POLARFILM compares well with these products. POLARFILM shows excellent tolerance to hard or salt water. Polarfilm has been tested to ISO Standards in a NATA Certified Laboratory and test results are available on request.

### ENVIRONMENT.

POLARFILM is biodegradable and has low toxicity.

### STORAGE.

When stored in sealed containers or correctly designed storage tanks, POLARFILM will remain useable for at least 10 years.

### RECOMMENDED USAGE.

POLARFILM is available in two versions. PolarFilm 6/3 is a concentrate that is proportioned at a rate of 6% when used on polar solvents and 3% for hydrocarbons. PolarFilm 3/3 is a concentrate that is used at 3% for both polar solvents and hydrocarbons.

POLARFILM concentrates are specially formulated to be suitable for application to flammable liquids that are water soluble, such as alcohol & ketones. Application rates of 4 to 7 litres per minute per square meter are recommended for most polar solvents. Consult us for specific recommendations. As with all Alcohol AFFF's, it is essential to apply the foam gently to the fuel for best results.

POLARFILM is also very effective for fires involving flammable liquids such as petrol, kerosene, diesel and oils. The foam solution should be applied to the fire at a minimum rate of 4 litres per minute per square meter of fuel area.

### PHYSICAL PROPERTIES.

	<u>POLARFILM 6/3%</u>	<u>POLARFILM 3/3%</u>
Appearance	Viscous Clear Slightly Yellow Liquid	Viscous Clear Slightly Yellow Liquid
Viscosity	Thixotropic, approx. 3000 cSt	Thixotropic, approx. 4000 cSt
pH	7.0 - 8.0	7.0 - 8.0
Density	1.01	1.01
Freezing Point	<0°C	<0°C

### PACKAGING.

POLARFILM is supplied in a range of containers.

20 Litre Pail	23 kg
200 Litre Drum	225 kg
800 Litre Tote	

Visit our Web site @ [www.orionsafety.com.au](http://www.orionsafety.com.au)

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