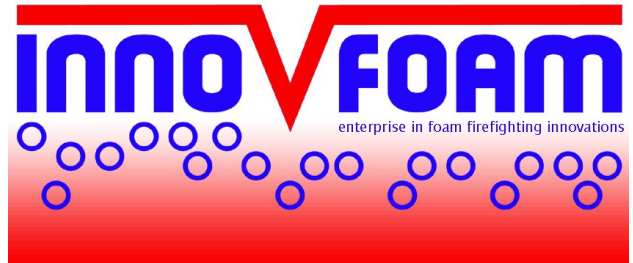


InnoVfoam

ARC 736



Description

InnoVfoam ARC 736 is a high efficiency multi purpose film forming foam. InnoVfoam ARC 736 is used at a 3% induction ratio on hydrocarbon fuel and at 6% on polar solvents. Due to the film forming characteristics of InnoVfoam ARC 736 it rapidly spreads across a fire. As a result it is highly effective against hydrocarbon fires and with the addition of special polymers it is also highly effective against polar solvents. The low surface tension of the water foam concentrate solution enables the aqueous film, although heavier than the burning liquid, to float on top of the hydrocarbon liquid surface. When applied on polar solvents a polymeric membrane makes it possible for the foam blanket to extinguish effectively. This also works on foam destroying liquids such as MTBE. InnoVfoam ARC 736 should be used as a 3% proportioned solution on hydrocarbon fuel and 6% on polar solvents, in fresh or sea water.

Application

InnoVfoam ARC 736 is intended for use on class B hydrocarbon fuel as well as on polar solvents i.e Isopropanol, Methanol etc and other foam destroying product fires such as MTBE. It uses only half the quantity to extinguish polar solvent fires in comparison to the traditional 3x6 foam concentrates. It can be used with both aspirating and nonaspirating discharge devices. It is compatible with all dry chemical powders.

Typical performance

InnoVfoam ARC 736 has been designed to give the best properties of

- Aqueous film forming foam
- Alcohol resistant foam

The fire performance of InnoVfoam ARC 736 has been tested and documented through roughed fire tests according to EN 1568 parts 3 and 4.

Storage/Shelf life

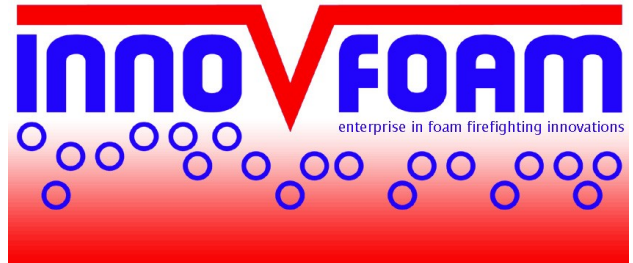
Stored in original unbroken packaging the product will have a long shelf life. The recommended storage temperature range of InnoVfoam ARC 736 is from -9° C to 55° C. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependant on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.

Synthetic foam concentrates should only be stored in plastic or stainless steel containers. Since electromagnetic corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates.



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Proportioning

InnoVfoam ARC 736 can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressures, variable flow proportioning systems
- Bladdertanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducting branch pipes and nozzles.

The equipment should be designed to the foam type.



Technical data

Appearance	Clear Amber Liquid
Specific gravity @ 20° C	1.05 +/- 0.01 g/ml
Brookfield Viscosity approx @ 20° C	1050 mPa.s
pH	7.5 +/- 1.0
Undissolved solids (v/v)	Less than 0.2%
Freezing point	-10 ° C
Pour point	-9 ° C
Surface tension approx	<18.0 dynes/cm

Packaging

We supply InnoVfoam in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

International Approvals

- EN 1568 part 3 and 4
- Lloyds Register of Shipping