

ABERDEEN FOAM INDUCTIONFOAM



Induction Calibration Foam



A new, environmentally friendly and economical way to ensure your foam induction systems are calibrated correctly.

Designed to eliminate the need for discharging large quantities of fire fighting foam during system calibration, Aberdeen Foam InductionFoam liquid simulates the properties of fire fighting foams whilst being environmentally friendly and economical.

Suitable for use with either fresh or seawater.

Not suitable for use as a fire extinguishment agent.

KEY FEATURES

- Simulates the physio-chemical properties of fire fighting foam
- Fluorosurfactant free
- Environmentally friendly
- More economical than using foam concentrates
- HOCNF/Cefas (offshore) approved chemical components
- Ideal for use where regular fire fighting foam calibration is required, for example the Marine sector and Offshore industry
- Readily biodegradable with low aquatic toxicity
- Avoids the need for hazardous waste disposal or discharge consent*

HOW IT WORKS

Instead of using foam concentrate, Aberdeen Foam InductionFoam is proportioned in the foam induction system with water.

The produced foam is collected and the Refractive Index is measured and compared with laboratory prepared samples, plotting the results on a calibration graph. This graph will tell you in a simple manner whether your system is within expected calibration limits or not.

DON'T HAVE ACCESS TO THE REQUIRED EQUIPMENT?

We can test it for you: simply contact our Foam Testing Laboratory and we'll take it from there!

**FLUORINE
FREE**

* Always refer to local regulations before discharge

INDUCTION FOAM

PHYSICAL PROPERTIES

Appearance	Aqueous blue liquid
Specific gravity	~ 1.00
pH @ 20°C	7 - 9
Viscosity @ 20°C mPas	Non-viscous
BOD ₅ /COD	>70%
Freezing point (°C)	~0
Lowest use temp. (°C)	10
Max. storage temp. (°C)	2
Min. storage temp. (°C)	35
Freeze/thaw effect	None

APPLICATIONS

Aberdeen Foam InductionFoam is designed for use in system calibration wherever a non-foaming alternative to foam concentrate is required. Designed especially for areas where discharge of fluorine containing foam is regulated or prohibited, such as:

- Offshore platforms and helidecks
- Petrochemical refining, processing and storage facilities
- Marine terminals, power stations and road / rail loading racks
- Rapid Intervention Vehicles and aircraft hangar systems
- Harbours, docks, ports and vessels/ships at sea

PROPORTIONING EQUIPMENT

Designed for the calibration of the following types of proportioning equipment:

- In-line inductors (fixed or portable)
- Balanced pressure variable flow proportioners
- Around the pump proportioners
- Bladder tank Balanced Pressure proportioning skid
- Handline, aspirating nozzles with fixed inductor pickup tube

DISCHARGE EQUIPMENT

Suitable for use with:

- Foam chambers
- Aspirating and non-aspirating sprinklers or spray nozzles
- Water fog nozzles for handlines and monitors
- Foam makers for use with either Floating Roof or Bund Protection systems

PROPORTIONING INFORMATION

- Use at the same % induction as required by the foam concentrate in your system, eg for a 1% AFFF use at 1 part InductionFoam to 99 parts water

ENVIRONMENTAL IMPACT

- Designed for minimal environmental impact
- Fluorine free
- Readily biodegradable (>70% BOD/COD 5 days)
- Low toxicity to aquatic organisms

STORAGE AND SHELF LIFE

Best stored as supplied in original, unopened containers. Suitable for storage in containers and tanks manufactured from:

- Stainless steel (Type 304L or 316L)
- High density cross-linked polyethylene
- RFP – vinyl ester epoxy resin only

Store between 2°C and 35°C and use within 12 months of manufacture.

Do not expose to temperature extremes and prevent contamination from foreign materials.

COMPATIBILITY

Aberdeen Foam InductionFoam should not be mixed with any other product.

The induction/proportioning system should ideally be flushed before use to remove any prior contaminants that could affect the result.

For further information or advice on compatibility testing, please contact Oil Technics Limited.

DISPOSAL

Since the proportioned solution from Aberdeen Foam InductionFoam test is lower foaming than produced fire fighting foam and contains no environmentally harmful chemicals, it is usually acceptable for direct release to storm drains leading to municipal waste water treatment facilities.

INSPECTION AND TESTING

Oil Technics Limited offers a worldwide foam testing service and inhouse foam testing training. For further details, please contact us or visit our website: www.foamtesting.com

TECHNICAL SERVICES AND SALES SUPPORT

For our UK customers, Aberdeen Foam is available 24/7 via our 24 hour emergency call out service: +44 (0) 1561 361515

Aberdeen Foam is manufactured in Scotland under ISO 9001 and ISO 14001 accredited management systems and audited by UL every four months.

PACK SPECIFICATIONS

Aberdeen Foam products are available in the following sizes:

Capacity	20L	25L	200L	1000L	Bulk tank
Dimensions (cm)	399 x 294 x 245	470 x 294 x 245	920 x 581 x 581	102 x 100 x 116	TBC
Empty weight (kg)	0.8	0.9	8	60	TBC
Filled weight (kg)	22.2	27.6	222	1130	TBC

These measurements are for reference purposes only and are intended as guidelines only. Oil Technics Ltd reserve the right to modify any specification at any time and without prior notice.



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