

Technical Information

Solberg Fire-Brake 3150A Class A Foam Concentrate

Description

Solberg Fire-Brake 3150A is a synthetic foam concentrate designed for Class A fires. When proportioned with water and applied with conventional fire fighting equipment, Fire- Brake is an outstanding Class A agent. This Class A foam provides optimum penetrating and wetting qualities on combustible solids such as wood, tyres and paper. This product is an effective water management tool. Solberg Fire-Brake™ 3150A provides traditional Class A and bushfire fighting foam (BFFF) performance.

Typical Physicochemical Properties

(Not for specification purposes)

Appearance:	Clear to straw-coloured liquid
Nominal use concentration:	0.1-1.0%
Specific Gravity @ 20°C:	1.02
Viscosity (Kinematic) @ 20°C:	4.5 Centistokes
Minimum use temperature	1.7°C
Surface Tension (1% solution)	< 25mN/m
Storage Temperature:	1.7° - 49°C
Freeze Point:	- 10°C

Applications

Synthetic foam concentrate for wildfires and other Class A materials. For use in fire fighting equipment such as hose lines, helicopter buckets, aerial water bombers and other water- carrying vehicles. Foam can be generated for extinguishing purposes through air aspirating and fog nozzles. When foam solution is dropped from the aircraft, foam will be generated by a shearing effect of air. For optimum performance, concentrate is to be mixed at a ratio of 1 litre of concentrate to 99 litres of water. Use a proportioner for best results. Concentrate can be used at lower levels to produce effective foam.

Solberg Fire-Brake 3150A is an excellent tool for structural fire fighting which can be applied through sprinkler systems, fixed and any water delivery system. This product has been used on house fires for proven extinguishment and also for minimising water use and associated damage.

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Features

Effective: Solberg Fire-Brake 3150A will make your water last 2 to 10 times longer. Rapid extinguishment reduces the chances of dangerous incidents and reduces the risk to property and equipment.

Reliable: Fire-Brake products are manufactured to ISO 9001 requirements.

Economical: Fire-Brake 3150A is highly concentrated and will be effective at concentrations of 0.1 to 1.0%.

Approvals: USFS Qualified Products List (QPL).

Storage

Solberg Fire-Brake 3150A may be stored for at least 10 years in its shipping container without change in its original physical or chemical characteristics. In foam storage tanks the product has a shelf life of a minimum of 10 years under normal conditions. It does not show significant sedimentation or precipitation in storage or after temperature cycling. Freezing and thawing have no effect on performance. The concentrate proportions satisfactorily in fire protection systems. No foam concentrate should be mixed in storage with other agents.

Packaging

Solberg Fire-Brake 3150A is available in standard 20 litre pails and 200 litre drums. Bulk container delivery may be available.

Warranty

As per Solberg Terms and Conditions of Sale document available on request.

