



Trainol™ Training Foam Concentrate



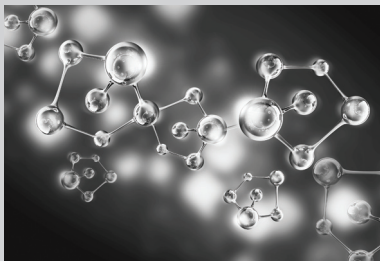
Integrity

Doing what's right, rather than what's convenient

Angus Fire prides itself on the open and honest way in which we conduct our business throughout the world. Our foams are an extension of our ethical beliefs and we pride ourselves in being the responsible foam manufacturer, balancing high performance with minimal environmental impact.

Fluorine Free Formulations

Trainol™ is designed to provide fire departments and training institutions with an inexpensive training alternative. This unique formulation is free from fluorosurfactants and is a blend of high activity foaming agents. When minimizing environmental persistence is paramount, Angus Fire's commitment and long track record of formulating specialty foam concentrates for minimal environmental impact and maximum performance offers Integrity.



- ✔ Designed for proportioning between 1% and 3%
- ✔ Simulates AFFF in training situations
- ✔ Suitable for foam evolution training scenarios as well as proportioning equipment testing
- ✔ Suitable for Class A or Class B proportioning systems

Trainol™ is a specially formulated mixture of synthetic materials which produces a high quality foaming agent for use with Liquefied Petroleum Gas fire training simulators. LPG training simulators are becoming increasingly popular as fire professionals struggle to balance regulations governing air pollution and other environmental considerations, with the need to ensure personnel achieve an acceptable level of preparedness to enable them to respond effectively in the event of a real fire incident. Angus Trainol meets these exacting requirements.

Applications

Trainol™ may be used through Class A or B foam proportioning systems. It has been designed to provide expansion characteristics similar to AFFF firefighting foams, but does not contain chemical components for firefighting performance. It is useful in testing foam evolution scenarios and proportioning equipment operation. Trainol™ has excellent Class A capabilities.

Typical Physical Properties

Appearance.....Pale Yellow Liquid
 Specific Gravity at 77°F(25°C).....1.02
 pH.....7.2
 Viscosity @77F(25°C).....20 cST
 Freezing Point.....5°F(-15°C)
 Min Usable Temperature35°F(2°C)
 Max Usable Temperature.....120°F(49°C)

Trainol™ should be stored in its original shipping container or in tanks or other containers which have been designed for such foam storage. Recommended construction materials are stainless steel (Type 304L or 316), high density cross-linked polyethylene, or reinforced fiberglass polyester (isophthalic polyester resin) with a vinyl ester resin internal layer coating (50 -100 mils).

Foam concentrates are subject to evaporation which accelerates when the product is exposed to air. Storage tanks should be sealed and fitted with a pressure vacuum vent to prevent free exchange of air. The recommended storage temperature range for Trainol™ concentrate is 35°F (2°C) to 120°F (49°C). When product is stored in atmospheric storage tanks, contents must be covered with 1/4-inch (6.35mm) of Angus Fire Seal Oil to ensure prevention of air coming into contact with the foam concentrate. Use of Seal Oil is only recommended in stationary storage tanks. Refer to Angus Fire product data sheet AFC700 for further information.

Trainol™

Training Foam Concentrate

Trainol™ should not be mixed, stored, or used with any other type of foam concentrate. Proportioning and application equipment should be flushed clean after use and before using different foam concentrate types.

Shelf Life, Inspection, and Testing

The shelf life of any foam concentrate is maximized by proper storage conditions and maintenance. Factors affecting shelf life are wide temperature changes, extreme high or low temperatures, evaporation, dilution, and contamination by foreign materials. Under optimum storage conditions, the storage life of Trainol™ is expected to be similar to Angus Fire's AFFF concentrates.

Environmental and Toxicological Information

Trainol™ foam concentrate or foam solution should not be discharged directly into waterways or biological sewage treatment systems, without prior approval. Due to their foaming capacity, Trainol™ concentrate and solution may require further dilution before entering the waste water treatment plant. Please consult the facility operator prior to disposal. Disposal or discharge of Trainol™ concentrate or foam solution should be made in accordance with federal, state and local regulations.

Trainol™ has not been tested for acute oral toxicity, primary eye, or primary skin irritation. For further details, see the Trainol™ Safety Data Sheet AMS240.

Ordering Information

Container	Shipping Weight	Shipping Dimensions	Part Number
5-Gallon Pails (19 liters)	45 lb. (20.4 kg)	1.13 cu. ft. ³ (0.032 cu. m)	3160-4340-6
55-Gallon Drums (208 liters)	490 lb. (222.3 kg)	11.1 cu. ft. ³ (0.314 cu. m)	3160-4481-6
275-Gallon IBC Reusable Tote Tank (1041 liters)	2473 lb. (1121.8 kg)	48.2 cu. ft. ³ (1.365 cu. m)	3160-4725-6



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