ANGUS FIRE

INTEGRITY
ANGUS FOAMS

Tridex™ C6 3%

Aqueous Film-Forming Foam (AFFF) Concentrate

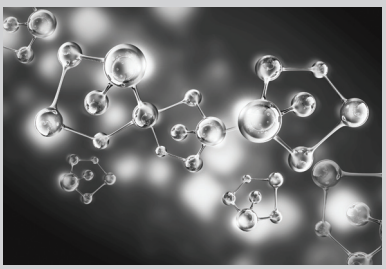
Integrity

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.

C6 Technology

Environmentally Responsible Tridex™C6 3% is an aqueous film forming foam (AFFF) which is used at 3% concentration to extinguish fires in hydrocarbon fuels. The C6 Fluorosurfactants have been developed and refined specifically to lower the environmental impact without reducing performance. This new formulation demonstrates Angus Fire's commitment to superior flexibility, firefighting performance, and environmental responsibility. Tridex™C6 3% is suitable for use with most types of proportioning and discharge equipment.



- Environmentally responsible foam concentrate.
- Excellent fluidity provides rapid "knockdown".
- Suitable for use with fresh or sea water.
- Compatible with standard proportioning and foam making devices.
- Suitable for use with foam compatible dry powder extinguishing agents.
- Underwriters Laboratories, Inc.
- Underwriters Laboratories of Canada.

AFFF foam concentrates are designed for rapid fire knockdown by producing a thin aqueous film which spreads across the surface of the fuel, separating the fuel from oxygen. This is accomplished by allowing the foam solution to quickly drain from the foam bubble which in turn, affects long term sealability and burnback resistance.

Tridex™C6 3% is used at 3% concentration in fire suppression systems and manually to fight fires involving hydrocarbon fuels such as crude oil, gasoline, and fuel oils. It is not suitable for use on polar solvents or water miscible fuels such as alcohols, ketones, esters, and ethers. Typical installations include foam water sprinkler systems, aircraft hangars, loading racks, process areas, etc. Tridex™C6 3% is an excellent agent for use in aircraft rescue and fire fighting (ARFF) or other manual fire fighting applications where polar solvent fuels are not encountered. It is also useful as a wetting agent in combating Class A fires.

In general, AFFF foam concentrates may be used with non aspirating nozzles and sprinklers, however, for best foam expansion and 25% drainage time all foam concentrates should be used with aspirating nozzles and foam making discharge devices.

Typical Physical Properties

Appearance	Pale Yellow Color
Specific Gravity at 77°F(25°C)	1.02
pH	8.0
Viscosity at 77°F(25°C)	2 cST
Freezing Point	25°F(-4°C)
Min Usable Temperature	35°F(2°C)
Max Usable Temperature	120°F(49°C)

Tridex™C6 3% is ideally 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

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vacuum vent to prevent free exchange of air. The recommended storage environment is with the UL listed temperature range of 35°F to 120°F (2°C to 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.

Tridex™C6 3% foam concentrate is freeze/thaw stable. Should the product freeze during shipment or storage, no performance loss is expected upon thawing.

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. Properly stored Angus Fire AFFF foam concentrates have been tested and shown no significant loss of fire fighting performance, even after 15 years.

Annual testing of all fire fighting foam is recommended by the National Fire Protection Association (NFPA). Angus Fire provides a Technical Service Program to conduct such tests. Refer to Angus Fire product data sheet AFC400 for further details on Technical Service Program.

Environmental and Toxicological Information

Tridex™C6 3% contains no ingredients reportable under the Superfund Amendments and Reauthorization Act (SARA) Title III, Section 313 of 40 CFR-372 or the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as of July 1, 1995.

Angus Fire Concentrates do not contain PFOS in accordance with USEPA Stewardship Program 2010/15.

Prevent foam concentrate or foam solution from entering ground water, surface water, or storm drains. Discharge and disposal of Tridex™C6 3% concentrate or foam solution should be made in accordance with federal, state, and local regulations.

Tridex™C6 3% has not been tested for acute oral toxicity, primary skin irritation or primary eye irritation. Repeated skin contact will remove oils from the skin and cause dryness. Tridex™C6 3% is a primary eye irritant, and contact with the eyes should be avoided. Users are advised to wear protective equipment. If Tridex™C6 3% enters the eyes, flush them well with water and seek immediate medical attention. For further details, see the Tridex™C6 3% Safety Data Sheet AMS155.

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)	3133-7340-4
55-Gallon Drums (208 liters)	492 lb. (223.2 kg)	11.51 cu. ft.^{3} (0.326 cu. m)	3133-7481-4
275-Gallon IBC Reusable Tote Tank (1041 liters)	2481lb. (1125.4 kg)	51.11 cu. ft.^{3} (1.1061 cu. m)	3133-7725-4
330-Gallon IBC Reusable Tote Tank (1249 liters)	2970 lb. (1347.2 kg)	55.8 cu. ft.^{3} (1.580 cu. m)	3133-7033-4
Bulk	8.53 lb./gal. (1.02 kg/l)		3133-7001-4

INTEGRITY ANGUS FOAMS

EMERGENCY FOAM SERVICE Call +1 610-363-1400 – 24 hours a day, every day

Angus Fire
Junny Rd. Angier, NC 27501, USA
Toll Free: **1-800-667-0423**
Tel: 919-639-6151 • Fax: 919-639-6131
www.angusfire.com