ANGUS FIRE

INTEGRITY
ANGUS FOAMS

Tridex™ C6 3x3

Alcohol Resistant Aqueous Film-Forming Foam

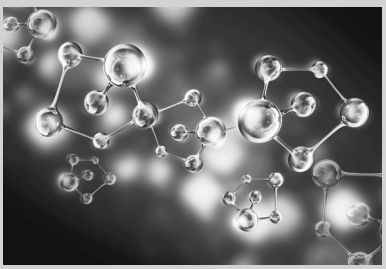
Integrity

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 3x3 alcohol-resistant aqueous film forming foam (AR-AFFF) is used at 3% concentration to extinguish both hydrocarbon and polar-solvent (water miscible) fires. 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. It is suitable for use with foam compatible dry powder extinguishing agents.



- Environmentally responsible foam concentrate.
- Suitable for use with fresh or sea water.
- Used at 3% concentration on hydrocarbons and polar solvent (water miscible) fires.
- Suitable for use with foam compatible dry powder extinguishing agents.
- Underwriters Laboratories, Inc.
- Underwriters Laboratories of Canada.

Tridex™C6 3x3 is an AR-AFFF concentrate with a special biosynthesized polymer. This polymer is designed to fulfill two functions. The first is to form a protective membrane between the fuel and the foam as it contacts the water-miscible fuel, making extinguishment possible. The second function is to make the foam more stable and heat-resistant, resulting in better burnback resistance and sealability compared to conventional AFFF's. The concentrate formulation is recognized by United States Patents 4,999,119 and 5,207,932.

Applications

Tridex™C6 3x3 is used in fire suppression systems and manual applications to fight a broad range of Class B fires. Its versatility simplifies the extinguishment of unknown Class B fuels. Typical applications include storage tanks, loading racks, docks, process areas, ware-houses, spills, etc.

Typical Physical Properties

Appearance	Straw Yellow Viscous Liquid
Specific Gravity at 77°F(25°C)	1.02
pH	8.0
Viscosity	2400 cP*
Min Usable Temperature	35°F(2°C)
Max Usable Temperature	120°F(49°C)
Freeze Point	28°F (-2°C)

**Brookfield #4 Spindle @ 60 rpm. Viscosity measured under different shear conditions will vary because of pseudoplastic rheology of this non-Newtonian product.*

Storage and Handling

Tridex™C6 3x3 is ideally stored in its original shipping container or in tanks or other containers that 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 environment is within 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.

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Tridex™C6 3x3 is freeze/thaw stable. Should the product freeze during shipment or storage, no performance loss is expected upon thawing.

It is recommended that Tridex™C6 3x3 not be mixed with any other type of foam concentrate in long-term storage. Such mixing could lead to chemical changes in the product and a possible reduction in or loss of its firefighting capability. Most expanded foams are compatible for side-by-side application during an incident.

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 AR-AFFF foam concentrates have been tested and shown no significant loss of firefighting performance, even after 25 years.

Annual testing of all firefighting foams is recommended by the National Fire Protection Association (NFPA). National Foam provides a Technical Service Program to conduct such tests. Refer to Angus Fire product data sheet AFC400 for further details on Technical Service Program, or contact your Angus Fire representative.

Environmental and Toxicological Information

Tridex™C6 3x3 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 2010/2015.

Prevent foam concentrate or foam solution from entering ground water, surface water, or storm drains. Discharge and disposal of Tridex™C6 3x3 concentrate or foam solution should be made in accordance with federal, state, and local regulations.

Tridex™C6 3x3 has not been tested for acute oral toxicity, primary eye, or primary skin irritation. Repeated skin contact will remove oils from the skin and cause dryness. Tridex™C6 3x3 is a primary eye irritant, and contact with the eyes should be avoided. Users are advised to wear protective equipment. If Tridex™C6 3x3 enters the eyes, flush them well with water and seek immediate medical attention. For further details, see the Tridex™C6 3x3 Safety Data Sheet AMS300.

ORDERING INFORMATION

Container	Shipping Weight	Shipping Dimensions	Part Number
5-Gallon Pails (19 liters)	46 lb. (20.8 kg)	1.13 cu. ft.^{3} (0.032 cu. m)	3130-1340-4
55-Gallon Drums (208 liters)	495 lb. (224.5 kg)	11.1 cu. ft.^{3} (0.314 cu. m)	3130-1481-4
275-Gallon IBC Reusable Tote Tank (1041 liters)	2497 lb. (1132.6 kg)	48.2 cu. ft.^{3} (1.365 cu. m)	3130-1725-4
330-Gallon IBC Reusable Tote Tank (1249 liters)	2990 lb. (1356.3 kg)	55.8 cu. ft.^{3} (1.580 cu. m)	3130-1330-4
Bulk	8.59 lb./gal. (1.03 kg/l)		3130-1001-4

INTEGRITY ANGUS FOAMS

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

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