

# FireIce® Polar EcoFoam

Biodegradable, Non-Hazardous and 100% fluorine-free, FireIce® Polar EcoFoam Class A is safe for use in ecologically sensitive areas, including wilderness areas, vulnerable water sources and the wildland urban interface. Works with all direct injection, bladder tank, in-line, around the pump and suction side proportioners



- **Listed on US Forest Service Qualified Products List, specification 5100-307a, for Class A Foams**
- **Tested by Underwriters Laboratories (UL) to the ATSM E1321**
- **Conforms to NFPA 18 and NFPA 1150**

FireIce® is a  
GelTech  
Solution



## FireIce Solutions

### Qualified Product Listed, cost-effective Class A foam for use with existing foam injection equipment

#### Environmentally Friendly

- 100% Fluorine Free and Fully Biodegradable
- Does not contain any hazardous substances
- Does not require special labelling when transported
- Will not destroy asphalt or concrete surfaces

#### Existing Equipment Compatibility and Versatility

- Can be used in backpack pumps, pressurized water extinguishers, ATV and portable pump systems
- Fully compatible with all direct injection, bladder tank, in-line, around the-pump and suction side proportioners
- Fully compatible with FireIce® Educator Systems and other FireIce® equipment

#### Effective for Low Percentage and Higher Expansion Applications

Low percentage applications (.01-.05%):

- acts like "wet water"
- breaks surface tension without excessive foaming
- extends water's ability to wet, penetrate and absorb heat
- superior adhesion prevents shedding of water and soaks fuels at a controlled rate on hard-to-wet fuels like peat, duff and vertical surfaces

Higher expansion applications (.03-1.0%):

- enhances wetting
- creates more durable barrier than plain water
- raises required fuel ignition temperature, modifies time to ignition, and amends tree stand/fuel complex microclimates by "wrapping" fuel sources in a protective envelope of expanded foam.

#### Highly Effective Fire Suppressant

- Smothers, penetrates and cools better than water alone on all Class A fuels
- Stable in foam cells, holding tanks and transfer pumps; will not sludge or gel
- Long shelf life—10 years
- New synthetic surfactant requires mix ratios less than 1%, saving concentrate and money; significantly cheaper per mixed gallon than elastomer liquid concentrates
- Excellent cold-water mixing ability
- Provides excellent wet line visibility
- In fire engine applications: Ideal for direct suppression, mop-up, wet-lining and CAFS applications
- In aerial applications: recommended for direct attack operations where maximum penetration and wrapping is required

#### Flexible Deployment Options to Enhance Ground and Air Operations

Custom equipment and tanker base solutions available in both mobile and fixed bases

Automated mixing systems, automatic injection systems and SEAT trailers offer deployment options to dovetail with situation and equipment specific needs

#### Available in Multiple Formats

Pails  
Drums  
Totes  
Tanker Trucks

**“Because Every  
Second Counts  
in an  
Emergency”**

FireIce® Polar EcoFoam 5-Gallon Pail FI-PEF-5P  
FireIce® Polar EcoFoam 55 Gallon Drum FI-PEF-55G  
FireIce® Polar EcoFoam 265-Gallon Tote FI-PEF-265T  
Pricing, availability and further information is available upon request

FireIce Solutions, LLC  
118 Washington Street, Suite 27  
Holliston, MA 01746  
[sales@fireicesolutions.com](mailto:sales@fireicesolutions.com)  
844-342-3347 x 805  
[www.fireicesolutions.com](http://www.fireicesolutions.com)