



FireIcelce[®] HVB-Fx

A New Generation of High Visibility Blue

FireIcelce[®] High Visibility Blue Medium-Term Retardant

GelTech Solutions' Wildland Fire Division specializes in providing cutting-edge fire agents that are the world's safest, most cost-effective, highest performing, and environmentally-friendly products available for fighting and managing wildland fires. FireIcelce[®] Medium-Term Retardant (MTR) Gels are based on a next generation, proprietary cross-linked copolymer technology - creating a powerful fire suppressant and retardant that enhance the capabilities of water.

While typical wildfires burn at 2800° F, FireIcelce MTR Gels are tested to remain effective up to 5,000° F. The proprietary cross-linked copolymer technology provides more durability and flame-resistance than linear polymers, elastomers, long-term retardants (LTR), and foams. Although environmental factors contribute to the duration of effectiveness, FireIcelce MTR Gel will last from 2 hours in the most challenging high temperature, high wind, and low humidity environments, to over 24 hours.

Environmentally Friendly

FireIcelce MTR Gels are non-toxic, non-hazardous, and the formulas do not contain phosphates, ammonia, or arsenic. Our gels are safe to use in ecologically sensitive areas, including wilderness areas, vulnerable water sources, the Wildland Urban Interface (WUI), and long-term retardant exclusion zones.

Eco-friendly | Non-Hazmat | Non-Toxic | Safe for Aquatic Life

Applications

Wildland fire behavior changes in an instant. FireIcelce MTR Gels provide pilots, air attacks, and ground teams the flexibility to promptly decide between direct attack or parallel line building. FireIcelce HVB-Fx utilizes a high visibility fugitive blue colorant, and is intended for use in fixed wing air tankers and helicopters. The formula may be used for parallel and direct application to build lines, protect structures, and reinforce natural fire breaks.

Suppression | Build Line | Protect Structures | Reinforce Barriers

High-Visibility Colorant

FireIcelce HVB-Fx adds a proprietary, high visibility blue colorant to the FireIcelce polymer, allowing pilots, ground personnel, and air attacks to have a very bright blue visual indicator to maximize effectiveness and line building. The fugitive blue colorant is more natural in appearance and aesthetically pleasing than traditional red retardants.

FireIcelce MTR Gels are available in multiple colors:
HVO-F (Orange) | HVB-Fx (Blue) | Uncolored

Performance

FireIcelce MTR Gels provide the best combination of adhesion and canopy penetration, while still providing exceptional flame resistance and durability. FireIcelce MTR Gels reduce drifting and misting, allowing air tankers to lower the coverage level and deliver longer lines without impacting the effectiveness. The new HVB-Fx formula utilizes a proprietary performance package additive that improves film thickness and wetting ability.

Enhanced Recovery | Improved Wetting | Ultimate Durability



Technical Specifications

Product Characteristics

Product No. FI-42B-HVBFX

Color	Fugitive Blue One Part
Applications	Airtankers, Helicopters, Engines, Structures, Prescribed Fires
Fuel Types	Effective and Visible in All Fuel Types
Approvals	US Forest Service QPL, 5100-306b
Viscosity	200 - 1800 cP
Packaging ^{1,2}	Dry Concentrate, 42 lb. Bucket 15-year Shelf Life

¹Available in Bulk and/or Custom Packaging
²Non-Hazmat, No Special Handling Required



Mixing Guide

	Viscosity	Mix Ratio	Marsh Funnel
Helicopter	200 - 450 cP	1.7% - 1.9%	38 - 45 seconds
Fixed Wing	600 - 1100 cP	2.2% - 2.7%	60 - 70 seconds
Ground	400 - 1800 cP	1.9% - 3.0%	42 - 110 seconds

Handling Instructions

Please consult the SDS for detailed safety and handling information before use. SDS may be found at Firelce.com/SDS

Personal Protective Equipment (PPE) is recommended when handling dry concentrate:

- Wear protective gloves, protective clothing, eye protection, and respiratory protection approved for particulates and dust
- Always practice good industrial hygiene and safety practices
- Wash hands thoroughly after handling

For more information and pricing, contact our sales and engineering team or visit firelce.com/wildland-timber



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 Dallas, TX
 Philadelphia, PA
 Phoenix, AZ
 Saskatoon, SK - Canada
 St. Louis, MO
 Vancouver, WA



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