

GREENFIRE® WETTING AGENT

MULTI CLASS FIREFIGHTING FOAM

FLUORINE FREE



THE GREENFIRE® DIFFERENCE

- Multi Class (A/B)
- Effective on D, K, Li-Ion
- Non-Clogging
- Pumper Fitting Safe
- Non-Corrosive to Induction Pumps
- Non-Carcinogenic
- Non-Toxic
- Easy Clean Up (Zero Haz-Mat)
- Food Environment Safe
- PFAS Free
- Zero VOC
- USDA Recognized
- NSF White Book Listed

PRODUCT OVERVIEW

Our most universal product, GreenFire® Wetting Agent is proven to extinguish multi class fires while also preventing reignition. Made entirely from eco-friendly ingredients, GreenFire® Wetting Agent's natural heat-absorbing properties will put out fires faster, helping you perform your job more safely and efficiently.

TESTING

Tested under NFPA 18 Wetting Agent guidelines per the UL 711 standard, GreenFire® Wetting Agent has been proven to extinguish Class A and B fires in inner city settings and more. Contains no PFOS, PFOA, nor any family of toxic PFAS chemicals.

CLASSIFICATION

- Class A-B
- D, K, Li-Ion Pending

INDUSTRIES

- Urban-Interface (WUI)
- Wildland
- Inner City
- Residential
- Commercial
- Industrial
- Utility Contractors

DESIGNED FOR USE IN

- Fire Engines
- Foam Tenders
- Compressed Air Foam System (CAFS)
- GreenFire Backpack Sprayer
- Mobile ATV Applicators
- Fire Sprinklers*
- Fire Extinguishers*
- Utility Service Territory Hot-Work Areas (HFRA)**

**Manufacturer approvals required*

***Utility Hot-Work Dilution Ratio: 4:1-5:1*

RECOMMENDED APPLICATION RATES

CAFS (Compressed Air Foam System):

0.1% – 3%

Conventional Foam Nozzles: 0.1% – 3%

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PHYSICAL PROPERTIES

Proportioning Ratio: 1%-6%

Specific Gravity: 1.06g/cc

pH: 6.8-7.6

Viscosity: ~36cP at 20°C (non-Newtonian varies depending on shear rate)

Shipping Specifications: 5 gal. (19 Liters.)
55 gal. drums (209 Liters.)

Storage Temperature: 40°F-100°F

Surface Tension: 32 dynes/cm

Storage: For long term use make sure GreenFire® Wetting Agent is properly maintained in the approved container and stored within the recommended range, there is no shelf life.

**Please Note - If freezing occurs, thawing and subsequent stirring will make the product completely serviceable.*

TYPICAL PROPERTIES

Nominal Use concentration: 0.1-3%

Specific Gravity@77F (25C): 1.06g/cc

pH @77F (25C): 6.8-7.6

Density: 8.51 lbs./gal.

Viscosity @77F (25C): ~34cSt (non-Newtonian: varies depending on shear rate)

Minimum use temperature: Maintain above freezing.

Storage temperature: 40-100F (4.5 – 38C)

Freezing point: 30F (-1C)

Appearance: Amber liquid

FIREFIGHTING APPLICATIONS

- Paper
- Wood
- Trash
- Petroleum or Alcohol-based fires
- Aircraft hangars
- Fuel storage
- Mechanical bays
- Equipment
- Dry brush (pre-treatment of Hot Work areas)
- Any other materials or structures that could be at risk of fire

RECOMMENDED APPLICATIONS

The 3% can be used with conventional foam equipment with fresh, sea, or brackish water. Self inducing foam nozzles and foam nozzles with In-line inductors are among the most common types of hardware for application. In addition to its use in aspirating foam equipment, it can be dispensed effectively through non-aspirating equipment including fog nozzles, water spray devices and standard sprinklers.

Is effective in sub surface injection systems for non-water-soluble hydrocarbons. Sub surface injection is safe and reliable for fixed protection of storage tanks.

FEATURES

GreenFire® Wetting Agent does NOT have a positive spreading coefficient and is therefore **NOT considered an AFFF type foam.**

However, its ability to form a stable foam blanket covering a fuel surface allows it to be used effectively in many applications where AFFF foams have previously been the standard. Provides positive fire suppression and vapor control.

Proportions Readily: Permits use in a wide range or proportioning equipment.

Solution Stability: Solutions of GreenFire® Wetting Agent do not present “transit time” limitations through handlines or in fixed systems.

SHIPPING SPECIFICATIONS

- 5 gal. Tote (19 Liters)
- 55 gal. Drum (208 Liters)
- 275 gal. Tote (1041 Liters)

