



PRO DEFENSE

FLUORINE FREE



THE GREENFIRE® DIFFERENCE

- 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

GreenFire® Pro Defense is a non-toxic, mineral-based, transparent fire retardant concentrate for use on residential homes, commercial applications, out buildings, brush, and more. Use as a “fire hardening” measure to protect your property from fire. Non-corrosive and non-damaging to applied surfaces. Carries a 10-year interior guarantee. GreenFire® Pro Defense is designed for use in pretreating homes and buildings to prevent fire damage. Ideal for treating active construction and industrial sites where cellulose-based products and materials are used. Also proven effective at retarding insect attack on treated structures. Can also be used to treat dry grass and brush in areas surrounding the property to create a defensible space, and to retard the ignition and spread of fire.

Unless leached away by a quarter inch or more of precipitation, GreenFire Pro Defense retardant minerals will continue to provide fire protection indefinitely. Non-toxic, non-carcinogenic, and 100% PFAS free.

CLASSIFICATION

Class A, can be used on Class B fires

CAN BE USED ON

- Residential homes
- Out Buildings
- Fence posts
- Power poles
- Around outdoor grills
- Campsites
- New construction
- Lumber
- Dry grass and brush
- Wood Chips
- Shipping Pallets
- Eaves
- Outdoor Furniture
- Wood Shake Roofs
- Any other combustible material or high risk areas

Note: Do not apply product to green foliage. It will interfere with leaves' natural waxy coating causing them to wither and die.



PHYSICAL PROPERTIES

Proportioning Ratio: 1:1 with water before application

Specific Gravity: 1.11g/cc

pH: 6.8-7.6

Viscosity: ~14cP (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: 30 dynes/cm

Storage: For long term use make sure GreenFire® Pro Defense 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: 50%

Specific Gravity@77F (25C): 1.11g/cc

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

Density: 9.26 lbs./gal.

Viscosity@77F (25C): ~12.5cSt (non-Newtonian: varies depending on shear rate)

Minimum use temperature: 35 F (1.7C)

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

Freezing point: 30F (-1C)

Appearance: Amber liquid

RECOMMENDED APPLICATIONS

GreenFire® Pro Defense is not typically used on live fires. Instead, it is a longterm retardant that prevents the outbreak of fires, or spread of fires.

RECOMMENDED APPLICATION RATES

After diluting 1:1 with water, apply at a rate of 1 gallon per 125 square feet

FEATURES

This product is also available in an OMRI approved version that can be used at certified organic food growing and processing facilities.

DESIGNED FOR USE IN

- GreenFire® Truck Skid Mount
- GreenFire® Backpack Sprayer
- Mobile ATV Applicators
- Universal Wand Sprayer

SHIPPING SPECIFICATIONS

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