

# FlameAde

## What It Is.

FlameAde is a fire retardant which prevents fabrics and a wide variety of other material from burning. FlameAde reduces the danger of fire, limits fire-related damage to property, and minimizes possibility of burns and other fire-related injury.

## What It Does.

Fire feeds on gases released when a flammable substances like cloth or paper come in contact with heat. The gases mix with oxygen in the air and, when the temperature is hot enough or if a flame or other source of ignition is present, they burn. The fire causes molecules, the basic building blocks of the burning material, to break down, releasing more flammable gases, increasing the size of the fire and destroying the burning material. FlameAde interrupts this cycle of fire by preventing the breakdown of a potentially flammable material. It reinforce the material's molecular structure, keeping it intact and preventing the release of gases that feed fires.

Background image has no chemical representation of FireAde® products.



## Green Agent Technology™

- ▶ Blocks flames, Retards fires
- ▶ Yields fabric and other materials flame-resistant
- ▶ Versatile, easy to use, contains no boric acid
- ▶ Helps provide lasting protection
- ▶ A better way to block the threat of flames

## Applying FlameAde.

The product is designed for material that will absorb water. On natural fibers, cotton, for example, FlameAde will penetrate the fiber. The application is usually accomplished by spraying. The size of the sprayer is determined by the amount of material to be treated. On man-made fiber like Nylon and Polypropylene, the fibers resist penetration and a richer solution, 12 to 14 percent of dried weight will be required. One gallon of FlameAde will treat approximately 360 square feet of natural material or 20 square feet of a synthetic.

## Why It's The Leader.

FlameAde is applied in a light mist. When the fabric is moist, the application is completed. With cotton, the desired damp feel can be achieved by spraying on just one side of the material. With synthetic fiber that resist penetration, it may be necessary to apply FlameAde to both sides. Once the material has been allowed to dry completely, FlameAde's flame retarding power will be ready for action. Since water-based FlameAde contains no boric acid or borate compounds, the fabric will not be stiff or brittle. It will be free of the salt ring that often appears on fabric treated with old-fashioned flame retarding solutions.

## Demonstrated Effectiveness.

A rug, curtain or even a paper towel properly treated with FlameAde will stand up to flame. The ability to resist flame will persist for an extended period of time. Even a blowtorch won't be hot enough to produce flame on the treated material. FlameAde properties on treated material provide an extra measure of safety in many homes, work or institutional settings.

## An Extra Margin Of Safety.

FlameAde protects homes by preventing combustion in flammable fabrics used in home or business settings. FlameAde should not be used on 100 percent silk materials. When applied on cotton, rayon and many fabric blends, FlameAde renders these fabrics non-flammable. The flame-retardant characteristics of a treated fabric will last indefinitely. It will not be affected by dry cleaning. However, if washing in water is required, the fabric should be sprayed again with FlameAde and allowed to dry. This process will immediately restore the product's effectiveness. Applying FlameAde to vulnerable fabric and other flammable items, holiday decorations for example, adds to safety by reducing the possibility of a catastrophic, life threatening fire.



**Fire Service Plus**  
Don't Just Fight Fires, Extinguish Them™

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## Company Profile

**Fire Service Plus, Inc.** established in 1998 by Ron Thames, President and Chief Executive Officer. Since 1984, Mr. Thames produces products that continue to revolutionize and change the firefighting industry. He has been awarded domestic and international patents and served on the U.S. President's small business council in an advisory capacity.

Fire Service Plus, Inc. is a recognized global leader that consistently surpasses industry standards. Manufacturing the most advanced, innovative and environmental friendly firefighting, tank cleaning and dust control products. These groundbreaking products have thirty years of pioneering research and development combined. Our products, under strict quality control are manufactured at the corporate facilities located in Fayetteville, Georgia. Fire Service Plus utilizes cutting-edge chemistry including trademarked green agent technology™ to deliver superior results.

Fire Service Plus, Inc.; a family owned company that provides personal attention to our customers worldwide.

Fire Service Plus, Inc. supports a worldwide network of dealers with our state of the art offices and manufacturing facility. This advanced 22,000 ft.<sup>2</sup> facility is capable of producing over 24,000 gallons of finished product daily. The storage capacity and inventory is in excess of 100,000 gallons. This inventory coupled with a 24 hour emergency response guarantees 100% customer support.



**Manufacturer**

**Distributor**



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