

FireAde²⁰⁰⁰®



Green Agent
Technology™

FireAde 2000 is the most complete and user friendly **firefighting agent** produced in the world. Numerous firefighting agents claim to be Class A and B compliant; however they comply with NFPA 18/2006 wetting agent classification only. This classification is recognized within the fire service solely as a Class A agent. FireAde® 2000 complies with NFPA 18/2006 wetting agent and UL 162 foam liquid concentrate. This awards FireAde® 2000 a "TRUE" Class A and B classification approval. FireAde® 2000 eliminates all of the long-established issues of Class B foams; it will not clog, gum, or corrode foam systems and equipment. The global environmental impact system (EIS) for firefighting foams rates all foams on acute aquatic toxicity. FireAde® 2000 rates lower than the majority of Class A foams with the USDA forestry approval and declared fluorine free foams. FireAde® 2000 offers the simplicity of using one product to extinguish multiple classifications of fire. This allows fire departments and fire brigades to increase their stocking supply by just using one product, FireAde® 2000.

- ▶ **Environmentally Formulated**
- ▶ **98% Organic Compounds**
- ▶ **Contains no PFOA or PFOS**
- ▶ **Zero Hazardous Chemicals**
- ▶ **Encompasses Water Based and Food Grade Ingredients**
- ▶ **Biodegradable**
- ▶ **Contains no ingredients reportable under the Superfund amendments and Reauthorization Act (SARA) Title III, Section 313 of 40 CFR-372 or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).**

Background image has no chemical representation of FireAde® products.

Specifications

Certifications

UL/UL Canada/ 162 Listed Foam Liquid Concentrate 14CY, NFPA 11 and 16, for non-miscible, non-polar solvents or hydrocarbon fuels.

UL/UL Canada/ Wetting Agent Classified in accordance with ANSI/NFPA 18-2006 for physical properties and fire extinguishment 93V0.

ICAO International Civil Aviation Organization performance Level B approved.

ISO Insurance Services Organization compliant for Class B foam.

EN 1568-3:2008 foam liquid concentrate approved.

Compatibility:

FireAde® 2000 is compatible with other brands of foam as finished foam.

FireAde® 2000 is compatible with other FireAde 2000 products as concentrates.

Flushing Instructions:

It is recommended to flush all foam tanks if possible. If not, use as much of previous Class A foam, then add FireAde® 2000 concentrate. Mixing with most Class A foams will not cause harm to systems. Flushing is mandatory for all Class B foam tanks before adding FireAde® 2000 concentrates. Once FireAde® 2000 concentrates are added, flow product to ensure foam tank is operating.

Shelf Life:

FireAde® 2000 has an **unlimited** shelf-life.

Applications:

US/European Class A Fires

Class A fires are the most common type of fire occurring 97% of the time. This occurs when an organic solid material becomes sufficiently hot and has oxygen available, causing combustion.

Wood, Grass, Coal, Tires, Hay, Cotton, Cardboard, Initial Knockdown:
0.10% up to 0.50%

Cars, Trucks, Heavy Equipment:
0.50% up to 1.0%

Note: Set Class A foam system defaults at 0.25% or maximum 0.50%. FireAde® 2000 will operate in CAF systems but may require adjustments to maximize foaming at low percentages.

Reminder: FireAde® 2000 works better with minimal or no foam, compared to traditional Class A foam with heavy or thick foam in all aspects.

US Class B, European Class B/C Fires

Class B fires involve flammable or combustible liquids or gaseous fuels. European/Australasian system Class B fires involve flammable liquids and Class C burning gases.

Non-Polar Solvents:
Gasoline, Gasoline w/10% Ethanol, Jet A, JP4/5/8, Crude Oil, Diesel, Etc.

Wetting Agent: 0.50%-1.0%. Reapply as needed.

Liquid Foam Concentrate:
3% using 0.10gpm/ft² for 10-20 minutes. Reapply as needed.

Polar Solvents:
Ethanol, Gasoline w/85% Ethanol, MEK, MTBE, IPA, Etc.

Liquid Foam Concentrate:

6% using 0.26gpm/ft² for 20-30 minutes. Reapply as needed.

Note: FireAde® 2000 is not an Alcohol Resistant (AR) or Alcohol Type Concentrate (ATC) UL 162 Listed product. However, in real time firefighting, FireAde® 2000 will work on most polar solvent fires if applied at recommended rates.

US Class C, European Class E Fires:

Class C/E fires involve potentially energized electrical equipment.

Caution: Only apply if proper training and equipment is being used. Contact Fire Service Plus for technical support.

US/European Class D Fires:

Class D fires involve combustible metals such as sodium, titanium, magnesium, potassium, lithium, calcium and others. Magnesium and titanium fires are most common.

Recommended application is 3% or 6% using proper equipment.

Caution: Only apply if proper training and equipment is being used. Improper application can cause serious injury. Contact Fire Service Plus for technical support.

US Class K/European Class F Fires:

Class K/F fires involve cooking oils or fats.

Recommended application is 3% or 6% using proper equipment.

Caution: Only apply if proper training and equipment is being used. Improper application can cause serious injury. Contact Fire Service Plus for technical support.



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.² 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.