



# THE NEW MULTI-CLASS AGENT

## LITHIUM BATTERY FIRE SUPPRESSION AGENT

SIZE: 5 GALLONS (19 LITERS)

FLUORINE FREE



### THE EFIREX DIFFERENCE

- Effective on Lithium
- Multi Class A, B, C, D
- Non-Clogging
- Pumper Fitting Safe
- Non-Conductive
- Non-Corrosive
- Non-Carcinogenic
- Non-Toxic
- Easy Clean Up (Zero Haz-Mat)  
Food Environment Safe
- PFAS Free
- Zero VOC
- USDA Recognized
- Natural Ingredient Fireproof  
Blanketing Formula

### PRODUCT OVERVIEW

Our most universal product, micro-technology Encapsulator Agent is proven to extinguish Lithium and multi class fires while also preventing re-ignition. Made entirely from eco-friendly ingredients, natural heat-absorbing properties will put out fires faster, helping you perform your job more safely and efficiently.

### TESTING

Tested and Certified by UL Solutions. Tested by NFPA 18 Wetting Agent guidelines per the UL 711 standard, has been proven to extinguish Class A, C and D fires. Contains no PFOS, PFOA, nor any family of toxic PFAS chemicals.

### UL CLASSIFICATION

- Class A
- C, and D
- Lithium (Class D Metals)

### INDUSTRIES

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

### FIRE EXTINGUISHER USE

- Home Use
- EV's: Cars, RV's, & Semi Trucks
- Charging Power Wall Stations
- E-Scooter, E-Bikes
- Mobile ATV's & UTV's
- Electric Boats
- Lap Tops, Phones & Electronics
- Planes

**FIREFIGHTER FOUNDED**



ASSEMBLED  
IN THE U.S.A.

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## PHYSICAL PROPERTIES

**Shelf Life:** 3 yrs

**% Solids:** 15%

**pH:** 7-9

**Viscosity:** 1800 - 2000 (cps)

**Shipping Specifications:**

5 gal. (19 Liters.)

220 gal. & 55 gal.

**Storage Temperature:** 35°F-100°F

*\*KEEP FROM FREEZING*

**% Elongation:** 2

**Storage:** For long term use make sure 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):** 1.05g/cc

**pH @77F (25C):** 7-9

**Density:** 1.05 lbs./gal.

**Viscosity:** 1800-2000 (cps)  
(non-Newtonian: varies depending on shear rate)

**Minimum Use Temperature:**

Maintain above freezing.

**Storage Temperature:** 35°F-100°F (4.5-38°C)

**Freezing Point:** 30°F (-1°C)

**Appearance:** Gold liquid

## FIREFIGHTING APPLICATIONS

- LITHIUM
- 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

## FD RECOMMENDED APPLICATIONS

The 3% can be used with conventional foam equipment with fresh, sea, or brackish water. Self inducing foam nozzles, CAFS 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

**Efirex Encapsulator Agent** does NOT have a positive spreading coefficient and is therefore **NOT considered an AFFF type foam.**

However, its ability to form a stable 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 of proportioning equipment.

**Solution Stability:** Solutions of Agent do not present "transit time" limitations through handlines or in fixed systems.

## BULK SHIPPING SPECIFICATIONS

•5 gal. Totes / Pails (19 Liters, 44 per pallet)

•220 gal. Pallet Tote - Email for Pricing

•55 gal. Drums - Email for Pricing



NFPA 18A Annex 4.3  
Lithium-ion Battery Testing

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For the most complete and current data,  
visit [www.efirex.com](http://www.efirex.com).



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