



PRODUCT: 5 GALLON TOTE - SKU: EFX5G DEVELOPED FOR LITHIUM-ION FIRE PROTECTION

LITHIUM-ION BATTERY FIRE PROTECTION

Our mineral-based Encapsulator Agent is engineered to rapidly extinguish lithium fires by controlling extreme heat and penetrating to the seat of the fire without evaporating prematurely. This efficiency allows fire crews to use significantly less water when battling the intense temperatures of EV fires, enabling faster and more effective extinguishment. With its advanced encapsulation technology, the agent works across multiple fire classes, preventing re-ignition by driving temperatures below ignition thresholds through a unique heat-exchange process.

Made entirely from eco-friendly ingredients, the agent leverages natural heat-absorbing properties to put out fires faster and more efficiently. It's not just about extinguishing flames it's about empowering firefighters to work more safely, confidently, and effectively every time.



PROVEN EFFECTIVENESS ON LITHIUM BATTERY FIRES

EFIREX has been rigorously tested by NFPA "Assessment of Electric Vehicle Firefighting Techniques, Technologies and the Impact of Stranded Energy" and proven effective in suppressing lithium-ion battery fires test.

- UL/ULC Certification – TRPL-E is certified for Class A fires EX29100
- Note: Underwriters Laboratories currently has no test criteria for lithium-ion battery fire protection (as of Nov 2024).

APPLICATIONS

EFIREX TRPL-E™ Encapsulator Agent provides an unmatched solution for lithium battery fire suppression in:

HOW IT WORKS

1. In-Line Education
2. Foam Tank Application
3. Class A Fires (3%)
4. Class B Fires (6%)
5. Fixed Fire Suppression Systems
6. Portable Fire Extinguishers
7. Wildland Fire Proof / Prevention (100% Agent Application)

KEY FEATURES

- Suspended Mineral-Based Encapsulator Agent
- Non-Conductive
- Non-Toxic
- Not Considered Toxic to Fish
- Chemical & Metals Free Mineral
- Non-Corrosive
- Non-Carcinogenic
- Food Environment Safe Ingredients
- PFAS Free
- PFOS Free
- Fire Retardant Blanketing Formula (100% Agent Application)



ASSEMBLED IN THE U.S.A.