

Control Battery Fires Before They Become Deadly

Use LifeSafe Multi Purpose Fluid



MPF tackles Lithium-ion batteries as well as Class A, B, F, and NTA8133

LifeSafe's Multi Purpose Fluid designed to tackle multiple fire types and lithium batteries. Development of the LifeSafe Multi Purpose Fluid has been undertaken with the support of industry leaders within the fire industry to develop a product fit for the risk and fire issues present in today's world.

MPF BENEFITS

- Multi Purpose Fluid is independently tested and approved
- Multi Purpose Fluid is chemically engineered to effectively extinguish multiple fire types including lithium batteries
- Classes A, B, F (K), and Lithium
- EN3 and NTA8133 lithium approved
- Prevents re-ignition without the need to re apply more product
- 1 fluid with high performance and multiple uses

MPF FEATURES

- Multi Purpose Fluid is approved for Class A, B, F, and NTA8133, including lithium battery fires
- Patented EndoShield and Expo-Suppression technologies within the fluid
- EndoShield Performance absorbs the energy that is given off from a fire as heat, effectively acting as a super coolant
- Exo-Suppression technology suppresses the oxygen at a molecular level to prevent reignition
- Non-Toxic, Environmentally Friendly, and Fluorine Free



Our experts create, select, and design solutions to take control of today's toughest challenges.



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HOW THE COOLING WORKS

The chemistry in the MPF is where the magic happens, the fluid can absorb the energy from the fire which reduces the chance of re-ignition and reduces the hazardous smoke and toxins given off by the battery. The efficiency of how quickly the fluid knocks down the flame and removes the heat is all to do with the chemistry within the fluid. MPF is also non-hazardous, non-toxic and fluorine free.

The fluid works on 3 levels:

1. It reduces the surface tension and disrupts the molecular structure of the fuel source by creating an endothermic reaction.
2. Secondary suppression is delivered by creating an inert gas; in lithium, specifically, it will prevent any build-up of self-generating additional oxygen from the breaking down of the cathode.
3. When induced into a dosing system, MPF also reduces the surface tension of the water, making water 100% more effective.

BETTER THAN THE COMPETITION

- Multi Purpose Fluid is proven and tested to effectively extinguish A, B, F, and lithium batteries
- Cools and prevents re-ignition
- Removes heat at a molecular level
- Non-toxic, non-hazardous, and fluorine free

APPLICATIONS

- Standard Extinguishers
- Large Format Extinguishers
- Suppression Systems
- Fire Truck CAFS Systems

WHY LIFESAFE TECHNOLOGIES

- New and innovative product range
- Market leading
- Trusted
- Customer focused
- High quality
- Patented fluids

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2322315-0
Report Reference EX26800-20220701
Date 24-May-2023

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
FER T1	Water-Based Agent intended for Class A and/or Class B Hazards
FER1000	Water-Based Agent intended for Class A Hazards


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CERTIFICATE OF
COMPLIANCE



SEE MULTI
PURPOSE FLUID
IN ACTION



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