

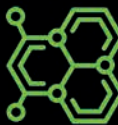


THE ONLY LITHIUM-ION BATTERY FIRE EXTINGUISHING AGENT THAT WORKS.



FCL-X reduces toxic fluoride exposure by neutralizing harmful gases released during lithium-ion battery fires.

FCL-X is a water-based proprietary solution that extinguishes and eliminates re-ignition of lithium-ion fire.



FCL-X buffers the lithium oxidation reaction to limit heat and hydrogen generation by forming non-hazardous salts.

FCL-X is specifically designed to mitigate the complex chemical reactions caused by lithium-ion battery fires.



More Information Visit

www.FULLCIRCLELITHIUM.com

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The Facts:

FCL-X is a water-based, PFAS-free extinguishing agent specifically engineered to combat lithium-ion battery fires. Unlike traditional extinguishers, FCL-X rapidly cools, neutralizes thermal runaway, and prevents dangerous reignition—while significantly reducing toxic gas exposure. Proven effective in full-scale EV and battery storage fire scenarios, FCL-X delivers fast, safe, and reliable suppression where other agents fall short.



Do Nothing

Water

Flame
Retardants

Encapsulator

Aggregates

Type of
Agent

Watering
Agent

N/A

Water

Blankets

Foam

Vermiculate

Granulates

Ease of
Use

A

A+

A

D

B

C

F

Lithium Fire
Applications

A

F

D

F

D

D

D

Product
Hazards

A

A+

A+

A

Unknown

Unknown

A

Extinguishing
Capability for
All Fires

A

F

D

F

C

C

C

Heat
Dissipation

A+

F

B

F

B

B

B

Off-Gas HF
Dissipation

A+

F

F

F

F

F

F

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