

BATTERY FIRE EXTINGUISHERS

LITHIUM-ION



FIREBLOCK LITHIUM is a specialised gel that is used to extinguish lithium battery fires of different chemistries and cell types.

FIREBLOCK LITHIUM is non-toxic and a 100 percent biodegradable.

learn more



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TECHNICAL DATA SHEET FIREBLOCK LITHIUM GEL

PRODUCT AND ADDICTIVES

Potassium polyacrylate
Montmorillonite
Quartz
Mica
Stabilizers
Thickening agents

PRODUCT DESCRIPTION

FIREBLOCK LITHIUM is a fire fighting gel/ suppressant. Supplied in a gel form, for the use in Fire extinguishers and suppression systems that are used for the fighting and controlling of lithium fires through safe and nontoxic chemical means.

FIREBLOCK LITHIUM is polymer based product with high bonding properties so that it will stick to surfaces protecting them from fire.

PRODUCT BENEFITS

Suitable for the use in most fire suppression systems and fire extinguishers.
Highly concentrated
Provides a layer on the lithium batteries that reduces the heat to a point that the fire is extinguished.
More effective than the use of water
Requires less product to extinguish a fire compared to extinguishing the fire with water.
Extinguishes fires quick and easily.
Prevents fire from reigniting
Nontoxic and safe for people and animals
100% Biodegradable

SHELF LIFE

FIREBLOCK LITHIUM is hygroscopic and absorbs moisture. Keep sealed and store in a cool dry place
3 years shelf life

PHYSICAL PROPERTIES

Odourless, Green colour gel.

PACKAGING

FIREBLOCK LITHIUM is available in the following packing:
2L, 6L, & 9L handheld fire extinguishers containers.
1000kg Flow bins

APPLICATION

For the use in Fire Extinguishers & Suppression Systems

THEORETICAL COVERAGE

Depends on how thick you spray the gel.

SERVICE EQUIPMENT

Service Extinguisher immediately after use.

CLEANING OF ITEMS SPRAYED

Spray clean water on any item exposed to FIREBLOCK LITHIUM gel.

OTHER INFORMATION

DATA ARE TYPICAL OF OUR NORMAL PRODUCTION AND ARE SUBJECT TO NORMAL VARIATION.
IT SHOULD NOT BE TAKEN AS A BINDING SPECIFICATION.

DIRECTIONS

After extinguishing the lithium batteries, leave the gel on the batteries until the smoke dissipates and batteries cooled down enough to dispose.

HEALTH AND SAFETY

Safe and nontoxic to use
Wash with large quantities of water if ingested or have contact to eyes or skin.
See MATERIAL SAFETY DATA SHEET



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