

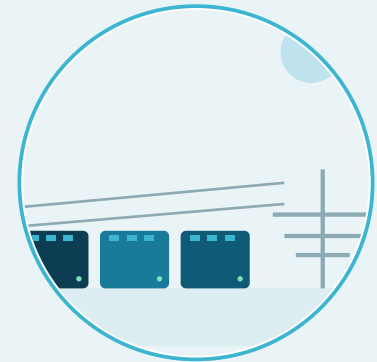


Stop Thermal Runaway In Storage.

NTA 8133-certified gel engineered to rapidly cool and suppress lithium-ion battery fires at BESS sites — from containerized storage and utility-scale yards to substation battery rooms and renewable integration storage.

PFAS-FREE

NON-TOXIC



NTA 8133 CERTIFIED Standard for lithium-ion battery fire extinguishing agents | Certification body: KIWA

■ Built for BESS's Toughest Fire Risk

Utility-scale battery storage and containerized BESS deployments are scaling across the grid faster than conventional fire suppression can keep up.

Hydrogel is formulated specifically for the thermal runaway hazard of large-format lithium-ion packs — cooling cell temperature rapidly and helping contain propagation to adjacent cells and modules.

■ BESS Applications

- Containerized & walk-in BESS enclosures
- Utility-scale & grid storage yards
- Substation & switchyard battery rooms
- C&I (commercial & industrial) battery storage
- Solar+storage & renewable integration sites
- Handheld li-ion battery power tools
- Fixed suppression integration for confined-space battery racks

■ How It Works

Rapid thermal quench — the gel absorbs heat quickly on contact, pulling cell temperature down out of the thermal-runaway range.

PFAS-free & non-toxic — formulated without PFAS, safer for site personnel and sensitive grid and substation environments.

Non-conductive formulation — suited to electrical and battery environments where conductive agents pose additional risk.

Suppresses re-ignition — helps contain propagation from a failing cell to neighboring cells and modules.

Confined-space suitable — designed with rack rooms and containerized enclosures in mind.

■ Product Snapshot

Product:	Hydrogel
Hazard Class:	Lithium-ion battery / thermal runaway fires
Formulation:	PFAS-free, non-toxic
Certification:	NTA 8133 (KIWA-certified)
U.S. Distributor:	Clearsky Safety Technologies LLC
Deployment:	Portable, fixed & retrofit suppression systems
Target Sites:	Utility-scale, C&I & behind-the-meter BESS sites

Bring Hydrogel to your site

Ask about site assessment, deployment format (portable / fixed), and regional distributor support.

Clearsky Safety Technologies LLC

info@clearskysafety.com