Li-IonEx® F-30 #1013

no PFAS added

Li-IonEx® F-30 #1013 is a ready-to-use, liquid fire extinguishing agent based on inorganic salts and special interface-active surfactants. It is suitable for use in mobile extinguishing equipment (e.g. portable fire extinguishers) and small extinguishing systems.

Application

Li-IonEx® F-30 #1013 is used undiluted in fire extinguishers and extinguishing systems for extinguishing lithium-ion batteries and solid materials (Class A fires) according to DIN EN 3.
Unlike plain water, Li-IonEx® F-30 #1013 can effectively extinguish lithium-ion fires. Thanks to its excellent cooling effect, it prevents the fire—and, most importantly, the heat—from spreading to adjacent battery cells and extinguishes the fire.
The surfaces of Class A combustibles are wetted very efficiently, allowing for targeted extinguishment.

Technical specification

Appearance	Colourless - yellow
Possible ratings	6 Litre: 27A
Lowest application temperature	-30°C
Recommended storage temp.	10°C – 30°C
Density (20°C)	1.185– 1.205 g/cm^3
pH- value (20°C)	7.0 – 8.0
Refractive index (20°C)	1.38 – 1.40

Storage conditions & service life

Li-IonEx® F-30 #1013 can be stored in sealed original containers or in suitable storage containers at temperatures from -30°C to +60°C. A prolonged or repeated heating to temperatures above 60°C can accelerate the ageing of the product or cause irreversible damage and should therefore be avoided.
Before refilling stocks, we recommend having a quality test carried out in our laboratory on the stock to be refilled. If our storage recommendations are followed consistently, the product can be expected to last well over ten years.

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