

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)



Trade name : E805 (P702)

Product No. :

Version : 2.0

Print date : 15-April-2021

Revision date :

Inhalation	clothes and shoes. If skin irritation persists, call a physician. Completely decontaminate clothes before re-wearing or discard.
Ingestion	Move to fresh air. If symptoms persist, call a physician. Administer oxygen if breathing is difficult and you are trained. If breathing has stopped, contact emergency medical services immediately.
Notes to Physician	Call a physician immediately. Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Protection of First-aiders	Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.
	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Lithium ion batteries contain flammable liquid electrolyte that may vent, ignite And produce sparks when subjected to high temperatures (>140°C). When damaged or abused (e.g., mechanical damage or electrical overcharge). Burning cells can ignite other batteries in close proximity.
Flash Point	Thermally unstable above 140°C
Suitable Extinguishing Media	CO ₂ , Water or (C type) Powder Extinguisher
Hazardous Combustion Products	Hazardous metal fumes and oxides.
Explosion Data	
Sensitivity to Mechanical Impact	Extreme abuse could result in rupture
Sensitivity to Static Discharge	Imposed directly on spilled electrolyte may start combustion

Specific Hazards Arising from the Chemical

The reaction of water or water vapor and Lithium Hexafluorophosphate (LiPF₆) may create hydrogen and hydrogen fluoride (HF) gas.

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA	Health Hazard 0	Flammability 1	Stability 0	Physical and Chemical Hazards Rating is provided for sealed battery
-------------	------------------------	-----------------------	--------------------	---

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Avoid contact with skin, eyes and clothing.
Environmental Precautions	Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material. Prevent material and