



ELS - LITHIUM ION SAFETY CUSTOMER COURTESY:

This general safety sheet for lithium-ion (Li-ion) batteries in emergency lighting fixtures provides critical information for safe handling, charging, storage, and emergency response

Overview

Under normal operating conditions, the lithium-ion batteries used in emergency lighting products are safe and contained. The primary safety risks arise from improper handling, such as damage, short-circuiting, exposure to heat, or use with incorrect cords or wiring methods. When a battery is compromised, its internal contents can be released, posing fire, explosion, chemical burn, and inhalation hazards.

Recycling and Disposal

Proper recycling and disposal of lithium-ion batteries are essential for safety and environmental reasons. Many electronics stores and local recycling centers accept used lithium-ion batteries.

Do not put in regular trash: Never throw Li-ion batteries into household or commercial waste. Dispose of them according to local, state, and federal regulations.

Recycle properly: Recycle batteries at an approved facility. You can find recycling locations through local waste management services or manufacturing programs.

Insulate terminals before disposal, place tape over the battery's terminals to prevent short circuits. If Applicable.

Check Local and state disposal standards if any, onsite disposal bin for pickup as an option.

Follow best practices for charging and storing lithium-ion batteries.

Lithium Ion Risk Considerations:

1. Only use cables, cords and charging equipment that is provided with the device, or a manufactured approved replacement.
2. Only use equipment for its intended use. Never install a fixture that may appear damaged. Follow installation or building code instructions.
3. Store in a cool dry location, avoid extreme temperatures, avoid direct sunlight and heats sources.
4. Do not disassemble the rechargeable battery configuration or seek alternative battery options without consulting the manufacturer.

Emergency Response:

For Chemical Emergency Spills, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada 1-800-424-9300