

the local exhaust or improve ventilation.

* Control parameters

Common chemical name / General name	OSHA	ACGIH	
	PEL-TWA	TLV-TWA	BEI
Lithium Metal Oxide	None listed	None listed	None listed
Aluminum	15 mg/m ³ (as total dust) 5 mg/m ³ (as respirable fraction)	10 mg/m ³ (as total dust)	None listed
Graphite	15 mg/m ³ (as total dust)	2 mg/m ³ (as inhalation coarse particulate)	None listed
Copper	1 mg/m ³ (as dust, mist) 0.1 mg/m ³ (as fume)	1 mg/m ³ (as dust, mist) 0.2 mg/m ³ (as fume)	None listed
Organic electrolyte	None listed	None listed	None listed

OSHA: Occupational Safety and Health Administration

PEL-TWA: Permissible Exposure Limit-Time Weighted Average concentration

ACGIH: American Conference of Governmental Industrial Hygienists, Inc.

TLV-TWA: Threshold Limit Value-Time Weighted Average concentration

BEI: Biological Exposure Indices

* Personal protective equipment

Respiratory protection: Non-supplied air half face respirator mask

Hand protection: Chemical resistant rubber gloves

Eye protection: Goggle or protective glasses designed to protect against liquid splashes

Skin and body protection: Working Anti-electrostatic clothes with long sleeve and long trousers and Anti-electrostatic shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

* Appearance

Physical state: Solid

Form: Prismatic

Color: Metallic color

Odor: No odor

* pH: NA

* Specific temperatures/temperature ranges at which changes in physical state occur.

There is no useful information for the product as a mixture.

* Flash point: NA

* Explosion properties: NA

* Density: NA

* Solubility ,with indication of the solvent(s): Insoluble in water

10. STABILITY AND REACTIVITY

* Stability: Stable under normal use

* Hazardous reactions occurring under specific conditions

* Conditions to avoid: When a cell is exposed to an external short-circuit, crushes, modification, high temperature above 100 degree C, it will be the cause of heat generation and ignition. Direct sunlight and high humidity.

* Materials to avoid: Conductive materials, water, seawater, strong oxidizers and strong acids.

* Hazardous decomposition products: Acrid or harmful gas is emitted during fire.

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself. The information of the internal cell materials is as follows.

Lithium Metal Oxide

• Acute Toxicity : TCLo, 2300µg/m³ inhalation-man(As Mn)

• Local effects(skin) : Although it is very rare, the rash of the skin and allergic erythema may result.