

Material Safety Data Sheet

SECTION 1- COMPANY IDENTIFICATION

Manufacturer	Fax : 64-3-329-6893
Aceeca International Ltd	Phone: 64-3-329-6896
Address	
205 Barnes Road Ladbrooks RD2 Christchurch, New Zealand	NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

SECTION 2-CHEMICAL PRODCUT

Product name: Lithium Ion Rechargeable Battery
Model: Laminated Chemistry Lithium Ion
Nominal Voltage: 3.7V
Designated for recharge: Yes

SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS-Chemical Name and Common Names (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Lithium <i>Cobaltite</i>	28%	/	/	/
Graphite Carbon	16%	/	/	/
Lithium Hexafluorophosphate	1.5%	/	/	/
Organic solvent	6.5%	/	/	/
Non-Hazardous Ingredients	52%			
TOTAL	100%			

SECTION 4- FIRST AID MEASURES

PRIMARY ROUTES OF ENTRY <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> ingestion <input checked="" type="checkbox"/> Skin Absorption <input type="checkbox"/> Not Hazardous	CARCINOGEN NTP <input type="checkbox"/> OSHA LISTED IN <input type="checkbox"/> LARC Monograph <input type="checkbox"/> NOT Listed
HEALTH HAZARDS	Acute and chronic All chemicals are contained in a sealed can. Risk of exposure occurs only if the battery is mechanically or electrically abused.
Signs and Symptoms of Exposure	N/A
Medical Conditions	

Generally Aggravated By Exposure | An acute exposure will not generally aggravate any medical condition.

SECTION 9: EMERGENCY FIRST AID PROCEDURES -

Seek medical assistance for further treatment, observation and support if necessary

Eye Contact

In case of eye contact, flush with a lot of water for 15 minutes.

Skin Contact

In case of skin contact with contents of battery, flush immediately with water.

Inhalation

In case of light inhalation ,move to an area with fresh air immediately
if irritation persists, get medical help.

Ingestion

In case of ingestion , get medical help.

SECTION 10- CONTROL AND PROTECTIVE MEASURES

Respiratory Protection

(Specify Type) Not necessary under conditions of Normal use.

Protective Gloves

Not necessary under conditions of Normal use.

Eye Protection

Not necessary under conditions of Normal use.

VENTILATION

Local Exhaust

Mechanical (General)

Not necessary under conditions of Normal use.

TO BE USED

Not necessary under conditions of Normal use.

Special

Not necessary under conditions of Normal use.

Other (Specify)

Not necessary under conditions of Normal use.

SECTION 11: Other Protective

Clothing and Equipment Not necessary under conditions of Normal use.

Hygienic Work

Practices

Not necessary under conditions of Normal use.

SECTION 12- ACCIDENTAL RELEASE MEASURES

Steps to be taken if Material

Is Spilled Or Released The preferred response is to leave the area and allow the batteries to cool down,let the vapors to dissipate .

Avoid skin and eye contact or inhalation of vapors. Remove spiller liquid with absorbent and incinerate after.

SECTION 13- DISPOSAL CONSIDERATIONS

Waste Disposal

Methods

Dispose in accordance with appropriate Regulations.Opened cells should be treated as hazardous waste.Burn the waste in safety furnace and recycle Co,Cu,Al.

3/3.

SECTION 14: Precautions to be Taken in Handling and Storage

Take all precautions mentioned in this document and operate the battery within the temperature range of 20°C and 45°C.
Improper handling of lithium ion batteries may result in injury or damage from electrolyte leakage,

Store the battery at ambient temperature in clean environment without chemical vapor nor

Take all precautions mentioned in this document and operate the battery within the

temperature range of -20°C and 45°C .

SECTION 15: Transportation information

The product is not classified as dangerous under the current edition of the IATA dangerous goods

SECTION 16: Other Precautions and /or Special Hazards

N/A

NFPA _____	HMIS _____
Rating Health_Flammability_Reactivity_Special_____	Rating