

# SAFETY DATA SHEET

	Report No.:	CMC231107043M01
	Name of sample:	Lithium-Ion Rechargeable Battery
	Model:	FT704159P
	Туре:	7.4V 2000mAh 14.8Wh
	Client:	Dongguan Golden CEL Battery Co., Ltd.
	Address:	No.11, Yinhu Industrial park, JiaoYiTangManagement Zone, TangXia, DongGuan, GuangDong, P.R. China
	Written:	ago Su Approved: pomple
	Reviewed:	Approved: Mariana/ (Sharational (Sharational)) Jy lach Dou
		2024.01.01 Seal of CMC
	СМС Те	sting International (Shenzhen) Co., Ltd.
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Safety	Data	Sheet
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(a) Product identifier					
	Lithium-Ion Rechargeab	le Wei	ght	116.0g	
Name of Sample	Battery		e (L×W×T)	(114.7×66.0×20.4)mm	
Model FT704159P					
(b) Other means of identif	ication				
Synonyms:	None				
(c) Recommended use of	the chemical and restricti	ons on use			
Recommended use:	LITHIUM ION BATTERI	ES			
Restriction on use:	No information available				
(d) Details of the supplier of the product					
Manufacturer Dongguan Golden CEL Battery Co., Ltd.					
Manufacturer's Address	No.11, Yinhu Industrial park, JiaoYiTangManagement Zone, TangXia, DongGuan, GuangDong, P.R. China				
Contact Person	Mr. Zhi				
E-mail	zhirongjian@celbattery.	com			
Telephone:	+86-769-82195308-8016				
Fax:	+86-769-87982226				
(e) Emergency phon <mark>e</mark> number	+86-769-82195308-801	6			
Section 2- Hazards Identification					
(a) Classification					
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR					
1910.1200) This product is an article which is a sealed battery and as such does not require an MSDS per the					
OSHA hazard communica	ation standard unless rupt	ured. The haz	ards indicated	are for a ruptured battery.	
Acute toxicity - Oral	Category 4	Category 4			
Acute toxicity - Dermal	Category 3	Category 3			
Skin corrosion/irritation	Category 1 Su	Category 1 Sub-category B			
Serious eye damage/eye	irritation Category 1	Category 1			

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Skin sensitization	Category 1	
Carcinogenicity	Category 2	
(repeated exposure)	Category 1	
Specific target organ toxicity	Cotogon ( 1	

## (b) GHS Label elements, including precautionary statements

### **Emergency Overview**

Signal word: Danger

## **Hazard Statements**

Harmful if swallowed

Causes severe skin burns and eye damage

May cause an allergic skin reaction

Suspected of causing cancer

Causes damage to organs through prolonged or repeated exposure



This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold. Intended use of the product should not result in exposure to the chemical substance This is a battery. In case of rupture: the above hazards exist.

Appearance Black Phy	rsical State Solid Odor Odorless
	Obtain special instructions before use
	Do not handle until all safety precautions have been read and understood
	Use personal protective equipment as required
Precautionary Statements-	Wash face, hands and any exposed skin thoroughly after handling
Prevention	Do not breathe dust/fume/gas/mist/vapors/spray
	Do not eat, drink or smoke when using this product
	Contaminated work clothing should not be allowed out of the workplace Wear protective gloves
	IF EXPOSED OR CONNECTED: Get medical advice/attention. Specific treatment (see supplemental first aid/instruction on this label).
Precautionary Statements-	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician.
Response	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and water before reuse, if skin irritation or rash occurs: get medical advice/attention if feel unwell.
	IF INHALATION: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing
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	respiratory symptoms: Call a poison center or doctor/physician.		
	IF SWALLOWED: Rinse mouth, do not induce vomiting, call a poison center or doctor/physician if feel unwell.		
Precautionary Statements-			
Storage	Store locked up		
Precautionary Statements-	Dispose of contents/container to an approved waste disposal plant		
Disposal	Dispose of contents/container to an approved waste disposal plant		
(c) Hazards not otherwise	Net applicable		
classified (HNOC)	Not applicable		
(d) Unknown Toxicity			
(a) Other information	Very toxic to aquatic life with long lasting effects; Rep <mark>e</mark> ated or prolonged		
(e) Other information	skin contact may cause allergic reactions with susceptible persons.		
(f) Interactions with Other	No information available.		
Chemicals			

## Section 3- Composition/Information on Ingredients

Chemical Name	CAS Number	Weight-%	Trade Secret
Lithium Cobalt Oxide (LiCoO <sub>2</sub> )	12190-79-3	37.47	*
Graph <mark>ite</mark>	7782-42-5	15.35	*
Copp <mark>er</mark>	7440-50-8	10.36	*
Aluminum foil	7429-90-5	9.25	*
Polypropylene	9003-07-0	1.54	*
1,1-Difluoroethyl <mark>ene polymer</mark>	24937-79-9	1.52	*
Polyethylene	9002-88-4	3.15	*
Styrene-Butadiene polymer	9003-55-8	0.86	*
Carboxymethyl cellulose	9000-11-7	0.74	*
Nickel	7440-02-0	1.34	*
Phosphate(1-), hexafluoro-, lithium	21324-40-3	17.49	*
Nylon	24937-16-4	0.93	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

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Section 4- First Aid Measures

(a) Description of first aid measures				
General Advice	First aid is upon rupture of sealed battery.			
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.			
Skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Immediate medical attention is required. May cause an allergic skin reaction. Remove and isolate contaminated clothing and shoes.			
Inhalation:	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method, if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get medical attention immediately if symptoms occur.			
Ingestion:	Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.			
Self-protection of the first aider:	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).			
(b) Most importan <mark>t sy</mark>	mptoms/effects, acute and delayed			
Most important symptoms and effects:	Itching. Coughing and/ or wheezing. Burning sensation.			
(c) Indication of any in	mmediate medical attention and special treatment needed			
Notes to Physician	Treat symptomatically. May cause sensitization of susceptible persons.			
Section 5- Fire Fighting	Measures			
(a) Extinguishing media				
Suitable extinguishing	Use extinguishing measures that are appropriate to local circumstances and the			
media:	surrounding environment.			
Unsuitable	CAUTION: Use of water spray when fighting fire may be inefficient.			
extinguishing media:				
	rising from the chemical			
-	ns of eyes, skin and mucous membranes. Thermal decomposition can lead to release apors. Product is or contains a sensitizer. May cause sensitization by skin contact.			
Hazardous	Carbon oxides.			
Combustion Products				
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400-1000-320	IIIU@CIIICZj-lab.com 57.15			

Explosion Data         Sensitivity to Mechanical Impact: Sensitivity to Static Discharge:           (c) Special protective equipment and precautions for fire-fighters           As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA equivalent) and full protective gear.           Section 6- Accidental Release Measures           (a) Personal precautions, protective equipment and emergency procedu protective equipment as required. Evacuate personnel away from and upwind of spill/leak.           Other Information:         Refer to protective measures listed in Sections 7 and 8.           (b) Environmental Precautions         Refer to protective measures listed in Sections 7 and 8. Prevent further leakage of Containment           Methods for Containment         Prevent further leakage or spillage if safe to do so.           Methods for Containment         Prevent further leakage or spillage if safe to do so.           Section 7- Handling and Storage         Handle in accordance with good industrial hygiene and personal protective equipment. Avoid contact with skin adequate ventilation. Do not eat, drink or smoke when contaminated clothing and wash before reuse.           (b) Conditions for safe storage, including any incompatibilities           Keep containers tightly closed in a dry, cool and well-v up. Keep out of the reach of children.	ures uate ventilation. Use person to safe areas. Keep people
Sensitivity to Static Discharge:         (c) Special protective equipment and precautions for fire-fighters         As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA equivalent) and full protective gear.         Section 6- Accidental Release Measures         (a) Personal precautions, protective equipment and emergency procedure avay from and upwind of spil/leak.         Personal Precautions:         Protective equipment as required. Evacuate personnel away from and upwind of spil/leak.         Other Information:       Refer to protective measures listed in Sections 7 and 8         (b) Environmental Precautions         Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.         Containment         Methods for         Containment         Methods for cleaning         up         Pick up and transfer to properly labeled containers.         up         Pick up and transfer to properly labeled containers.         up         Pick up and transfer to protect, equipment. Avoid contact with skin adequate ventilation. Do not eat, drink or smoke when contaminated clothing and wash before reuse.         (b) Conditions for safe storage, including any incompatibilities         Storage:       Keep containers tightly closed in a dry, cool and well-verup.	VNIOSH (approved or Jres Jate ventilation. Use person to safe areas. Keep people
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equivalent) and full protective gear.         Section 6- Accidental Release Measures         (a) Personal precautions, protective equipment and emergency procedures         Personal Precautions:       Avoid contact with skin, eyes or clothing. Ensure adeque protective equipment as required. Evacuate personnel away from and upwind of spill/leak.         Other Information:       Refer to protective measures listed in Sections 7 and 8.         (b) Environmental Precautions       Refer to protective measures listed in Sections 7 and 8. Prevent further leakage of the protective measures listed in Sections 7 and 8.         (c) Methods and materials for containment and cleaning up       Prevent further leakage or spillage if safe to do so.         Containment       Prevent further leakage or spillage if safe to do so.         Methods for       Prevent further leakage or spillage if safe to do so.         Containment       Pick up and transfer to properly labeled containers.         Up       Pick up and transfer to properly labeled containers.         (a) Precautions for safe handling       Handle in accordance with good industrial hygiene and personal protective equipment. Avoid contact with skin adequate ventilation. Do not eat, drink or smoke when contaminated clothing and wash before reuse.         (b) Conditions for safe storage, including any incompatibilities         Storage:       Keep containers tightly closed in a dry, cool and well-vertup. Keep out of the reach of children.	ures uate ventilation. Use person to safe areas. Keep people
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Storage: Keep containers tightly closed in a dry, cool and well-ve up. Keep out of the reach of children.	, eyes or clothing. Ensure
up. Keep out of the reach of children.	
ncompatible Products: Acids. Bases. Oxidizing agent.	entilated place. Store locked
Section 8 - Exposure Controls/Personal Protection	
(a) Control parame <mark>ters</mark>	
Exposure Guidelines	
Exposure Guidelines ACGIH TLV OSHA PEL	NIOSH IDLH
Lithium Cobalt Oxide         TWA: 0.02 mg/m³         -           /LiCoO2)         12190-79-3         -	-



	TWA: 15 mg/m³ total dust synthetic         TWA: 5 mg/m³ respirable fraction         Synthetic (vacated) TWA: 2.5         mg/m³ respirable dust natural         (vacated) TWA: 10 mg/m³ total dust         synthetic (vacated) TWA: 5 mg/m³         respirable fraction synthetic TWA:         15 mppcf natural         TWA:2.5mg/m³ F         TWA:2.5mg/m³ dust         (vacated) TWA:2.5mg/m³         TWA:0.1mg/m³dust and mist         (vacated) TWA:0.1mg/m³Cu         dust,fume,mist         TWA:15mg/m³ total dust         TWA:5mg/m³ total dust         TWA:5mg/m³ total dust         TWA:15mg/m³ total dust         TWA:5mg/m³ respirable fraction         (vacated) TWA:5mg/m³         respirable fraction(vacated)         TWA:5mg/m³ AL Aluminum         TWA:1mg/m³         (vacated) TWA:1 mg/m³	IDLH: 1250 mg/m <sup>3</sup> TWA: 2.5 mg/m <sup>3</sup> respirable dust IDLH:100mg/m <sup>3</sup> dust ,fume and mist TWA:1mg/m <sup>3</sup> dust and mist TWA:0.1mg/m <sup>3</sup> fume TWA:10mg/m <sup>3</sup> total dust TWA:5mg/m <sup>3</sup> respirable dust		
emg/m <sup>3</sup> fume ng/m <sup>3</sup> Cu dust and mist ng/m <sup>3</sup> respirable img/m <sup>3</sup>	TWA:2.5mg/m³ dust (vacated)TWA:2.5mg/m³TWA:0.1mg/m³fume TWA:1mg/m³dust and mist (vacated) TWA:0.1mg/m³Cu dust,fume,mistTWA:15mg/m³ total dust TWA:5mg/m³respirable fraction (vacated) TWA:15mg/m³total dust (vacated) TWA:5mg/m³ respirable fraction(vacated) TWA:5mg/m³ AL AluminumTWA:1mg/m³ (vacated) TWA:1 mg/m³ (vacated) TWA:1 mg/m³	mist TWA:1mg/m <sup>3</sup> dust and mist TWA:0.1mg/m <sup>3</sup> fume TWA:10mg/m <sup>3</sup> total dust TWA:5mg/m <sup>3</sup> respirable dust		
Ig/m <sup>3</sup> Cu dust and mist	TWA:1mg/m³dust and mist (vacated) TWA:0.1mg/m³Cu dust,fume,mist TWA:15mg/m³ total dust TWA:5mg/m³respirable fraction (vacated) TWA:15mg/m³total dust (vacated) TWA:5mg/m³ respirable fraction(vacated) TWA:5mg/m³ AL Aluminum TWA:1mg/m³ (vacated) TWA:1 mg/m³	mist TWA:1mg/m <sup>3</sup> dust and mist TWA:0.1mg/m <sup>3</sup> fume TWA:10mg/m <sup>3</sup> total dust TWA:5mg/m <sup>3</sup> respirable dust		
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overnmental Industrial H	(vacated) TWA:1 mg/m <sup>3</sup>	<b>U</b>		
	. , .			
OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health           Other Exposure Guidelines         Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters				
controls				
Showers Eyewash stations Ventilation systems				
(c) Individual protection measures, such as personal protective equipment.				
None required for consumer use. If there is a Hazard of contact:. Tight sealing safety goggles. Face protection shield.				
	equired for consumer use. If there is a Hazard of contact:. Wear ve gloves and protective clothing.			
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.				
	controls controls Showers Eyewash stations /entilation systems sures, such as per sources, such as per lone required for control for contr	controls Showers Eyewash stations /entilation systems sures, such as personal protective equipmen None required for consumer use. If there is a Haza safety goggles. Face protection shield. None required for consumer use. If there is a protective gloves and protective clothing. No protective equipment is needed under normal minits are exceeded or irritation is experienced, vent		

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ea ar Hygiene Measures nc ar af		t, drink or smoke w d wash before reus itable gloves and e t be allowed out of d clothing is recom er handling the pro	hen using this prod e. Avoid contact wi ye/face protection. ( the workplace. Reg mended. Wash han duct. For environme	al hygiene uct. Take th skin, e Contamir ular clear ids before ental prot	e and safety practice. Do n e off contaminated clothing eyes or clothing. Wear nated work clothing should ning of equipment, work are e breaks and immediately tection, remove and wash a . No information available.
Section 9- Physical and	Chemical	Properties			
(a) Physical State					
Physical state:	Solid				
Appearance:	Black C	Cuboid	Odor:		Odorless
Color:	Black		Odor Threshold:		No information available
(b) Chemical Propertie	es				
Property		Values		Remar	ks/ Method
рН		No data ava <mark>ilable</mark>		None k	nown
Melting point/freezing point		No data available		None k	nown
Initial Boiling Point An <mark>d Boiling</mark> Range		No data available		None known	
Flash Point		No data available		None k	nown
Evaporation Rate		No data available		None k	
Flammability (Solid, Gas)		No data available		None k	
Upper/Lower Flammabili Explosive Limits		No data available	e	9	
Vapor Pressure		No data available	e	None k	nown
Vapor Density		No data available	e	None k	nown
Relative Density		No data available		None known	
Solubility(les)		Insoluble in water		None known	
Partition Coefficient: N-Octanol/Water		No data available		None known	
Auto-Ignition Temperature		No data available		None known	
Decomposition Temperature		No data available		None known	
Kinematic viscosity		No data available		None known	
Dynamic viscosity		No data available		None k	nown
Explosive properties		No data available	e		
Oxidizing Properties		No data available	е		
(c) Other Information					
Softening Point		No data available	_		

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VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

Section 10 – Stability and Reactivity			
(a) Reactivity	No data available.		
(b) Chemical stability	Stable under recommended storage conditions.		
(c) Possibility of hazardous reactions	None under normal processing.		
(d) Hazardous polymerization	Hazardous polymerization does not occur.		
(e) Conditions to avoid	None known based on information supplied.		
(f) Hazardous decomposition products	Carbon oxides.		

Section 11 – Toxicological Information						
(a) Information on	the li	kely routes of exposure				
Product Information		Product does not present an a In case of rupture:	acute toxicity hazard based on kno	own or supplied information.		
Inhalation		Specific test data for the su of respiratory tract.	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.			
Eye Contact		Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to eyes. May cause redness, itching, and pain. May cause temporary eye irritation.				
Skin Contact		Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns. May be absorbed through the skin in harmful amounts. Harmful in contact with skin.				
Ingestion		Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed.				
Component Inform	ation					
Chemical Name		Oral LD50	Dermal LD50	Inhalation LC50		
Graphite 7782-42-5		> 10000 mg/kg ( Rat )	-	-		
Nickel 7440-02-0		>9000 mg/kg ( Rat )	-	-		
(b) Information on toxicological effects						
Symptoms	Erythema (skin redness). May cause redness and tearing of the eyes. Itching. Rashes. Hives.					
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(c) Delayed and imn	nediate effects as w	ell as chronic effec	ts from short an	d long-term exposure	
Sensitization:	May cause sens	May cause sensitization of susceptible persons. May cause sensitization by skin contact.			
Mutagenic Effects:	No information	available.			
Carcinogenicity:	The table below carcinogen.	v indicates whether ea	ch agency has list	ted any ingredient as a	
Chemical Name	ACGIH	IARC	NTP	OSHA	
Lithium Cobalt Oxide (LiCoO <sub>2</sub> ) 12190-79-3	A3	Group 2B		x	
Nickel 7440-02-0		Group 2B	Reasonably Anticip	pated X	
ACGIH (American Confere A3 - Animal Carcinogen IARC (International Agenc Group 2B - Possibly Carcino Group 3 - Not Classifiable a NTP (National Toxicology Reasonably Anticipated - Re OSHA (Occupational Safe X - Present	<b>by for Research on Cance</b> ogenic to Humans s to Carcinogenicity in Hum <b>Program)</b> easonably Anticipated to be	r) nans e a Human Carcinogen	t of Labor)		
Reproductive Toxicity	No information a	available.			
STOT - single exposu	re No information a	available.			
STOT - repeated exposure	classification cr CFR 1910.1200	Causes damage to organs through prolonged or repeated exposure. Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from chronic or repeated exposure. (STOT RE).			
Chronic Toxicity		Contains a known or suspected carcinogen. Avoid repeated exposure. Prolonged exposure may cause chronic effects. May cause adverse liver effects.			
Target Organ Effects		Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Central Vascular System (CVS).Kidney. Liver. Lungs. Heart.			
Aspiration Hazard	No information a	No information available.			
(d) Numerical mea <mark>s</mark>	ures of toxicity Pro	duct Information			
The following values a	re calculated based o	n ATEmix (	oral):		
chapter 3.1 of the GHS	S document	ATEmix (	dermal):		
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## Section 12-Ecological Information

## (a) Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Copper	96h EC50: 0.031 - 0.054	96h LC50: 0.0068 - 0.0156		48h EC50: = 0.03
7440-50-8	mg/L (Pseudokirchneriella	mg/L (Pimephales romelas)		mg/L
	subcapitata) 72h EC50:	96h LC50: = 0.112 mg/L		
	0.0426 - 0.0535 mg/L	(Poecilia reticulata) 96h		
	(Pseudokirchneriella	LC50: = 0.3 mg/L (Cyprinus		
	subcapitata)	carpio) 96h LC50: =		
		0.8mg/L (Cyprinus carpio)		
		96h LC50: = 1.25 mg/L		
		(Lepomis macrochirus) 96h		
		LC50: =0.052 mg/L		
		(Oncorhynchus mykiss) 96h		
		LC50: = 0.2mg/L		
		(Pimephales promelas)		
		96h LC50: < 0.3 mg/L		8
		(Pimephales promelas)		
Nickel	72h EC50: = 0.18 mg/L	96h LC50: > 100 mg/L		48h EC50: > 100
7440-02-0	(Pseudokirchneriella	(Brachydanio rerio) 96h		mg/L 48h EC50:
	subcapitata) 96h EC50:	LC50: = 1.3 mg/L (Cyprinus		= 1 mg/L
	0.174 - 0.311 mg/L	carpio) 96h LC50: = 10.4		
	(Pseudokirchneriella	mg/L (Cyprinus carpio)		
	subcapitata)			
(b) Persistence an <mark>d</mark> Degradability	No information availab	ble.		
(c) Bioaccumulati <mark>on</mark>	No information available			
(d) Other adverse effects	No information available.			

# Section 13 – Disposal Considerations

(a) Waste treatmen <mark>t r</mark>	nethods				
Disposal methods:	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.				
Contaminated Packaging:	Disposal should be in accordance with applicable regional, national and local laws and regulations.				
Chemical Name	RCRA         RCRA - Basis for Listing         RCRA - D Series Wastes         RCRA - U Series Wastes				
Nickel	(hazardous constituent -	Included in waste			
7440-02-0	no waste number)	streams: F006, F039			
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400-1668-320	info@cmczj-lab.com www.cmczj-lab.com 11 / 15				



## California Hazardous Waste Codes 141

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste	
Lithium Cobalt Oxide (LiCoO <sub>2</sub> ) 12190-79-3	Тохіс	
Copper 7440-50-8	Τοχίς	
Aluminum foil 7429-90-5	Ignitable powder	
Nickel Toxic powder		
7440-02-0	Ignitable powder	

Section 14 – T	ransport Information
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(a) UN number	3480 & 3481		
Lithium ion batteries (including lithium ion polymer batteries) (limited to a may of 30% SoC) or;			
(b) Proper shipping name	Lithium ion batteries packed with equipment (including lithium ion polymer batteries) or;		
	Lithium ion batteries contained in equipments (including lithium ion polymer batteries).		
(c) Label(s) / Placa <mark>rd</mark> Required:	Miscellaneous Lithium BATT		
(d) Special precau <mark>tions which a user needs to be aware o</mark> f, o <mark>r needs to co</mark> mply with, in connection with transport or conveyance either within or outside their premises			
ICAO / IATA:	Can be shipped by air in accordance with International Civil Aviation Organization (ICAO), TI or International Air Transport Association (IATA), DGR Packing Instructions (PI) 965 Section IB, PI 966 Section II and PI 967 Section II appropriate of IATA DGR 65 <sup>th</sup> (2024 Edition) for transportation.		
IMDG CODE:	The batteries are not restricted to IMDG Code 2022 Edition (Amdt 41-22) according to special provision 188.		
DOT:	Other requirements for the US Department of Transportation (DOT) Subchapter C, Hazardous Materials Regulations if shipped in compliance with 49 CFR 173.185.		
ADR/ ADN:	The batteries are not subject to the provisions of United Nations Economic Commission for Europe (UNECE) ADR/ADN if they meet the requirements of special provision 188 of Chapter 3.3. Applicable as from 1 January 2023.		
	provision 188 of Chapter 3.3. Applicable as from 1 January 2023.		

In addition, to be permitted in transport each lithium cell and battery types must have passed the applicable tests set out in Subsection 38.3 of the UN Manual of Tests and Criteria.

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## Section 15 – Regulatory Information

(a) International Inventories				
TSCA:	Complies.			
DSL:	All components are listed either on the DSL or NDSL.			

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

## (b) US Federal Regulations

## **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 3 <mark>13</mark> – Threshold Values %
Lithium Cobalt Oxide (LiCoO <sub>2</sub> )	12190-79-3	37.47	0.1
Copper	7440-50-8	10.36	1.0
Aluminum foil	7429-90-5	9.25	1.0
Nickel	7440-02-0	1.34	0.1
SARA 311/312 Hazard Categ	jories		
Acute Health Hazard		No	
Chronic Health Hazard		No	
Fire Hazard		No	
Sudden release of p <mark>ressure hazard</mark>		No	
Reactive Hazard		No	

## CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Copper 7440-50-8		x	x	
Nickel 7440-02-0		Х	×	

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Copper	5000 lb		RQ 5000 lb final RQ
7440-50-8	3000		RQ 2270 kg final RQ
Aluminum foil			
7429-90-5			
Nickel	100 lb		RQ 100 lb final RQ
7440-02-0			RQ 45.4 kg final RQ

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	sition 65						
This product contains th		on 65 chemicals.					
	Chemical Name		Cali	ifornia Proposition	65		
	Nickel - 7440-02-0		Carcinogen				
U.S. State Pight			<u> </u>	Oaromogon.			
U.S. State Right-	_			 			
Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois		
Lithium Cobalt Oxide (LiCoO <sub>2</sub> ) 12190-79-3	x		X	x	x		
Graphite 7782-42-5	x	x	x		U		
Copper 7440-50-8	x	x	X	x	х		
Aluminum foil 7429-90-5		x		×			
Nickel 7440-02-0	x	x	х	x	х		
(d) International	Regulations						
Mexico							
National occupatio	on <mark>al exposure lim</mark> i	its					
Compo		Carcinoge	en Status	Exposure Limits			
Grapi	Graphite 7782-42-5			Mexico: TWA			
Copr 7440-				Mexico: TWA= 1 mg/m3 Mexico: TWA= 0.2 mg/m3 Mexico: STEL= 2 mg/m3			
Aluminu 7429-s				Mexico: TWA=0.2 mg/m3 Mexico: STEL= 2 mg/m3 Mexico: TWA 10 mg/m3			
				Mexico: TWA	Mexico: TWA= 1 mg/m3		
Nick 7440-(	02.0						
		rcinogens					
7440-0							
7440-0 Mexico - Occupational		rcinogens					



Section 16 –	Additional Info	rmation						
NFPA Health Hazards		1	Flammability	0	Instability	0	Physical and Chemical Hazards	-
HMIS	Health Hazards	0	Flammability	0	Physical Hazard	0	Personal Protection	х
Revision Not	te: No i	nformat	ion available					
Sample pho	oto:							
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			*****End (	of rep	ort****			δ.
		Testing	g laboratory: CMC Tes	sting Inte	rnational (Shenzhen)	Co., Ltd		
Address: 101	&104, Building B, K		Industrial Park, Liyua	-	Heping Community, F		reet, Baoan District, Shenzhe	en,
	Tel: 400	-1668-32	0 E-mail: info@cmc			lab.com	15 / 15	