

SAFETY DATA SHEET

Report No.:	CMC241115027M01
Name of sam	ple: Lithium ion Battery
Model:	CEL751437
Туре:	3.8V, 350mAh, 1.33Wh
Client:	Dongguan Golden CEL Battery Co., Ltd.
Address:	No.11, Yinhu Industrial park, JiaoYiTangManagement Zone, TangXia, DongGuan, GuangDong, P.R. China
Tested by :	Sago Su Approved by: Domphe
(Testing Engineer)	(Technical Director)
(Department Manager)	Jy lash you
	Seal of CMC:
Date of Issue :	2025.01.01
	CMC Testing International (Shenzhen) Co., Ltd.
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this information or the substance of	described in this SDS.

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Safety Data Sheet

Section 1- Identification of	the Substance/P	reparation and	of the Company/Und	ertaking
(a) Product identifier				
Nome of Semple	Lithium ion Datte	× 11 /	Weight	7.4g
Name of Sample	Lithium ion Batte	ery	Size (L×W×T)	(35.2×13.4×7.7) mm
Model	CEL751437			
(b) Other means of identif	ication			
Synonyms:	None			
(c) Recommended use of	the chemical and	restrictions on	use	
Recommended use:	LITHIUM ION B	ATTERIES		
Restriction on use:	No information a	vailable.		
(d) Details of the supplier	of the product			
Manufacturer	Dongguan Golde	en 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@cel	battery.com		
Telephone:	+86-769-821953	08-8016		
Fax:	+86-769-879822	26		
(e) Emergency phon <mark>e</mark> number	+86-769-821953	08-80 <mark>16</mark>		
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	tion standard unle	ess ruptured. T	he hazards indicated	are for a ruptured battery.
Acute toxicity - Oral	Catego	Category 4		
Acute toxicity - Dermal	Catego	Category 3		
Skin corrosion/irritation	Catego	Category 1 Sub-category B		
Serious eye damage/eye irritation		Category 1		

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Specific target organ toxicity (repeated exposure)	Category 1
Carcinogenicity	Category 2
Skin sensitization	Category 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 Silve <mark>r</mark>	Physical State Solid	Odor Odorless
	Obtain special instructions before	use
	Do not handle until all safety preca	utions have been read <mark>and un</mark> derstood
	Use personal protective equipmen	t as required
Precautionary Statements-	Wash face, hands and any expose	d skin thoroughly after handling
Prevention	Do not breathe dust/fume/gas/mis	/vapors/spray
	Do not eat, drink or smoke when u	sing this product
	Contaminated work clothing shoul Wear protective gloves	d not be allowed out of the workplace
	IF EXPOSED OR CONNECTED: treatment (see supplemental first a	Get medical advice/attention. Specific aid/instruction on this label).
Precautionary Statements-	IF IN EYES: Rinse cautiously with contact lenses, if present and easy call a POISON CENTER or doctor	water for several minutes. Remove / to do. Continue rinsing Immediately /physician.
Response	IF ON SKIN: Wash with plenty of s clothing and water before reuse, if medical advice/attention if feel unv	oap and water. Take off contaminated skin irritation or rash occurs: get vell.
	IF INHALATION: If breathing is dif keep at rest in a position comforta	icult, remove victim to fresh air and ble for breathing. If experiencing
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IF SWALLOWED: Rinse mouth, do not induce vomiting, call a poison center or doctor/physician if feel unwell.Precautionary Statements- StorageStore locked upPrecautionary Statements- DisposalDispose of contents/container to an approved waste disposal plant(c) Hazards not otherwise classified (HNOC)Not applicable(d) Unknown ToxicityIf SWALLOWED: Rinse mouth, do not induce vomiting, call a poison		respiratory symptoms: Call a poison center or doctor/physician.			
Precautionary Statements- StorageStore locked upPrecautionary Statements- DisposalDispose of contents/container to an approved waste disposal plant(c) Hazards not otherwise classified (HNOC)Not applicable(d) Unknown ToxicityImage: Classified statements (Contents) (Co		IF SWALLOWED: Rinse mouth, do not induce vomiting, call a poison center or doctor/physician if feel unwell.			
Storage Store locked up Precautionary Statements- Disposal Dispose of contents/container to an approved waste disposal plant (c) Hazards not otherwise classified (HNOC) Not applicable (d) Unknown Toxicity Image: Classified state st	Precautionary Statements-				
Precautionary Statements- Disposal Dispose of contents/container to an approved waste disposal plant (c) Hazards not otherwise Not applicable (d) Unknown Toxicity Image: Contents of the state of the	Storage				
Dispose Dispose of contents/container to an approved waste disposal plant (c) Hazards not otherwise Not applicable (d) Unknown Toxicity Image: Contents/Container to an approved waste disposal plant	Precautionary Statements-	Dianage of contents/container to an approved wests dianaged plant			
(c) Hazards not otherwise Not applicable classified (HNOC) Image: Classified (HNOC) (d) Unknown Toxicity Image: Classified (HNOC)	Disposal	Dispose of contents/container to an approved waste disposal plant			
classified (HNOC) Not applicable (d) Unknown Toxicity Image: Classified (HNOC)	(c) Hazards not otherwise	Net applicable			
(d) Unknown Toxicity	classified (HNOC)	Not applicable			
	(d) Unknown Toxicity				
Very toxic to aquatic life with long lasting effects; Repeated or prolonged	(a) Other information	Very toxic to aquatic life with long lasting effects; Repeated or prolonged			
skin contact may cause allergic reactions with susceptible persons.	(e) Other Information	skin contact may cause allergic reactions with susceptible persons.			
(f) Interactions with Other	(f) Interactions with Other	No information available			
Chemicals	Chemicals	No mormation available.			

Section 3- Composition/Information on Ingredients

Chemical Name	CAS Number	Weight-%	Trade Secret
Lithium Cobalt Oxide (LiCoO ₂)	12190-79-3	37.47	*
Graph <mark>ite</mark>	7782-42-5	15.35	*
Copp <mark>er</mark>	7440-50-8	10.3 <mark>6</mark>	*
Aluminu <mark>m foil</mark>	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	t 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 symptoms/effects, acute and delaye</mark> d				
Most important symptoms and effects:	Itching. Coughing and/ or wheezing. Burning sensation.			
(c) Indication of a <mark>ny immediate me</mark> dical attention and special treatment needed				
Notes to Physician	Treat symptomatically. May cause sensitization of susceptible persons.			
Section 5- Fire Fighting Measures				
(a) Extinguishing med	lia			
Suitable extinguishin <mark>g</mark>	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:	guishing media:			
(b) Special hazards arising from the chemical				
The product causes burr of irritating gases and va	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				
Combustion Products				
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众检检验	<u>۵</u>	Report	No.: CMC241115027M01	
	Sensitivity to Mechanical I	mpact:	No.	
Explosion Data	Sensitivity to Static Discha	rge:	No.	
(c) Special protective	equipment and precaution	ons for fire-fighters		
As in any fire, wear self-	contained breathing apparat	us pressure-demand, MSHA/N	IIOSH (approved or	
equivalent) and full prote	cuve gear.			
Section 6- Accidental Re	lease Measures			
(a) Personal precaution	ons, protective equipmen	t and emergency procedure	es	
Personal Precautions:	Avoid contact with skin, ey protective equipment as re away from and upwind of s	es or clothing. Ensure adequat quired. Evacuate personnel to pill/leak.	te ventilation. Use personal safe areas. Keep people	
Other Information:	Refer to protective measur	es listed in Sections 7 and 8.		
(b) Environmental Pre	cautions			
Refer to protective meas	ures listed in Sections 7 and	d 8. Prevent further leakage or	spillage if safe to do so.	
(c) Methods and mate	rials for containment and	I cleaning up		
Methods for	Prevent further leakage or sp	llage if safe to do so.		
Containment				
Methods for cleaning up	Pick up and transfer to proper	ly labeled containers.		
Section 7- Handling and	Storage			
(a) Precautions fo <mark>r sa</mark>	fe handling			
Handling: Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.				
(b) Conditions for safe	e storage, including any	incompatib <mark>i</mark> lities		
Storage:	Keep containers tightly clo up. Keep out of the reach of	<mark>sed in a</mark> dry, cool and well-ven of children.	tilated place. Store locked	
Incompatible Products:	Acids. Bases. Oxidizing ag	ent.		
Section 8 - Exposure Controls/Personal Protection				
(a) Control parameters	S			
Exposure Guidelines				
Exposure Guidelines		OSHA PEL	NIOSHIDLH	
Lithium Cobalt Oxide (LiCoO ₂) 12190-79-3	TWA: 0.02 mg/m³	-	-	
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Graphite 7782-42-5	TWA:1mg/m ³ respirable fraction all forms except graphite fibers		TWA: 15 mg/m ³ total dust synthetic TWA: 5 mg/m ³ respirable fraction Synthetic (vacated) TWA: 2.5 mg/m ³ respirable dust natural (vacated) TWA: 10 mg/m ³ total dust synthetic (vacated) TWA: 5 mg/m ³ respirable fraction synthetic TWA: 15 mppcf natural	IDLH: 1250 mg/m ³ TWA: 2.5 mg/m ³ respirable dust		
Phosphate(1-), hexafluoro-, lithium 21324-40-3	TWA:2	2.5mg/m³ F	TWA:2.5mg/m ³ F TWA:2.5mg/m ³ dust (vacated)TWA:2.5mg/m ³			
Copper 7440-50-8	TWA:0.2mg/m ³ fume TWA:1mg/m ³ Cu dust and mist		TWA:0.1mg/m ³ fume TWA:1mg/m ³ dust and mist (vacated) TWA:0.1mg/m ³ Cu dust,fume,mist	IDLH:100mg/m ³ dust ,fume and mist TWA:1mg/m ³ dust and mist TWA:0.1mg/m ³ fume		
Aluminum foil 7429-90-5	TWA:1mg/m ³ respirable fraction		TWA:15mg/m ³ total dust TWA:5mg/m ³ respirable fraction (vacated) TWA:15mg/m ³ total dust (vacated) TWA:5mg/m ³ respirable fraction(vacated) TWA:5mg/m ³ AL Aluminum	TWA:10mg/m ³ total dust TWA:5mg/m ³ respirable dust		
Nickel 7440-02-0	TWA:1.5mg/m ³		TWA:1mg/m ³ (vacated) TWA:1 mg/m ³	IDLH:10mg/m³ TWA:0.015mg/m³		
ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health						
Other Exposure Guidelines		Vacated limits revok 965 F.2d 962 (11th parameters	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			
(b) Appropriate en <mark>gine</mark>	eering	controls				
		Showers				
Engineering Measur <mark>es</mark>		Eyewash stations				
		Ventilation systems				
(c) Individual protection measures, such as personal protective equipment.						
Eye/Face Protection: None required for co safety goggles. Face		onsumer use. If there is a Hazard of contact:. Tight sealing e protection shield.				
Skin and Body Protection: None_required_f		None required for protective gloves an	consumer use. If there is a Hazard of contact:. Wear and protective clothing.			
Respiratory Protection lim		No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.				

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Har eat, and suit not and afte con		Handle in accorda eat, drink or smoke and wash before re suitable gloves and not be allowed out and clothing is rec after handling the contaminated prote	nce with g e when us euse. Avoi d eye/face of the wor ommende product. F ective equ	ood industria ing this prod protection. (kplace. Reg d. Wash han or environme ipment befor	al hygiene uct. Take th skin, ey Contamin ular clean ds before ental prote e re-use.	e and safety practice. Do not off contaminated clothing yes or clothing. Wear ated work clothing should ing of equipment, work area breaks and immediately ection, remove and wash all No information available.
Section 9- Physical a	nd Chemi	cal Properties				
(a) Physical State					1	
Physical state:	Sol	id				
Appearance:	Silv	ver prismatic	Odor	:		Odorless
Color:	Silv	/er	Odor	Threshold:		No information available
(b) Chemical Prope	erties					
Property		Values			Remarks/ Method	
рН		No data avail	able		None known	
Melting point/freezing point		No data avail	No data available		None known	
Initial Boiling Point And Boiling						
Range		No data available			None kr	nwor
Flash Point		No data availab			None known	
Evaporation Rate		No data avail	No data available		None kr	nown
Flammability (Solid, G	Gas)	No data avail	No data available		None kr	nown
Upper/Lower Flammability Or Explosive Limits		No data avail	No data available			
Vapor Pressure		No data avail	No data available		None known	
Vapor Density		No data avail	No data available		None known	
Relative Density		No data avail	No data available		None known	
Solubility(les)	Solubility(les)		Insoluble in water		None known	
Partition Coefficient: N-Octanol/Water		No data avail	No data available		None known	
Auto-Ignition Temperature		No data avail	No data available		None known	
Decomposition Temperature		No data avail	No data available		None known	
Kinematic viscosity		No data avail	No data available		None known	
Dynamic viscosity		No data avail	No data available		None known	
Explosive properties		No data avail	able			
Oxidizing Properties		No data avail	able			
(c) Other Information	on					
Softening Point		No data avail	able			

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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 likely routes of exposure							
Product Information		Product does not present an ac In case of rupture:	Product does not present an acute toxicity hazard based on known or supplied information. In case of rupture:				
Inhalation		Specific test data for the sub of respiratory tract.	stance or mixture is not avail	able. May cause irritation			
Eye Contact		Specific test data for the sub irritant based on component pain. May cause temporary	ostance or mixtu <mark>re is not</mark> avail s. Irritating to eyes. May caus eye irrita <mark>t</mark> ion.	lable. Expected to be an se redness, itching, and			
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 Informa	tion						
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 im	mediate effects as	well as chro	onic effe	cts from short ar	nd long-ter	m exposure	
Sensitization:	May cause ser contact.	May cause sensitization of susceptible persons. May cause sensitization by skin contact.					
Mutagenic Effects:	No information	No information available.					
Carcinogenicity:	The table belo carcinogen.	The table below indicates whether each agency has listed any ingredient as a carcinogen.					
Chemical Name	ACGIH	ACGIH IARC NTP OSH					
Lithium Cobalt Oxide (LiCoO ₂) 12190-79-3	A3	Grou	ıp 2B			X	
Nickel 7440-02-0		Grou	ıp 2B	Reasonably Antici	pated	x	
A3 - Animai Carcinogen IARC (International Agency for Research on Cancer) Group 2B - Possibly Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans NTP (National Toxicology Program) Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen OSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present							
	No information						
STOT - single exposi	Ire No information	available.	through	prolonged or rep	ated evee	ure Deced on	
STOT - repeated exposure	classification c CFR 1910.120 organ toxicity f	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 kno exposure may	own or suspe cause chror	ected card nic effects	cinoge <mark>n. Avoid re</mark> po . May ca <mark>use</mark> adver	eated expos se liver effe	ure. Prolonged	
Target Organ Effects	Respiratory sy System (CVS)	yst <mark>em. Eyes</mark> .Kidney. Live	s. Skin. O er. Lungs.	Gastrointestinal tra Heart.	act (GI). Ce	entral Vascular	
Aspiration Hazard	No information	availa <mark>ble.</mark>					
(d) Numerical meas	sures of toxicity Pro	oduct Infor	mation				
The following values	are calculated based	on	ATEmix	(oral):	1		
chapter 3.1 of the GH	IS document		ATEmix	(dermal):			
			nunity Ober	ng Street Decker Divisi	int Shareber		



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		
		(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	7	
	(Pseudokirchneriella	mg/L (Cyprinus carpio)		
	subcapitata)			
(b) Persistence and Degradability	No information available	ble.		
(c) Bioaccumulation	No information availa	ble		
(d) Other adverse effects	No information availa	ble.		

Section 13 – Disposal Considerations

(a) Waste treatmen	t m	ethods					
Disposal methods:		This material, as su (40 CFR 261). This otherwise comes in to this material, or if 261 to determine will appropriate state, re	aterial, as supplied, is not a hazardous waste according to Federal regulations R 261). This material could become a hazardous waste if it is mixed with or rise comes in contact with a hazardous waste, if chemical additions are made material, or if the material is processed or otherwise altered. Consult 40 CFR determine whether the altered material is a hazardous waste. Consult the priate state, regional, or local regulations for additional requirements.				
Contaminated Packaging:		Disposal should be and regulations.	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 7440-02-0		(hazardous constituent - no waste number)	Included in waste streams: F006, F039				
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This product contains c	one or more substances that a	are listed with the State of	California as a hazardous waste		
Che	emical Name	Califor	nia Hazardous Waste		
Lithium Co	bbalt Oxide (LiCoO ₂)		Toxic		
	Copper		Toxic		
Δ	7440-50-8 Juminum foil		IONIC		
	7429-90-5		gnitable powder		
	Nickel 7440-02-0		Toxic powder		
Section 14 – Transport	Information				
	UN3480				
JN number	Lithium ion batteries (inclusion of 30% SoC).	uding lithium ion polymer	batteries) (limited to a maximun		
Hazard Class:	Class 9	Packing grade:	1		
JN number	UN3481 Lithium ion batteries packed with equipment (including lithium ion polymer batteries or; Lithium ion batteries contained in equipments (including lithium ion polymer batteries).				
	batteries).				
Hazard Class:	/	Packing grade:	1		
Hazard Class: Special precautions wh or conveyance eithe <mark>r</mark> w	batteries). / hich a user needs to be award rithin or outside their premise	Packing grade: e of, or needs to comply w	/		
Hazard Class: Special precautions wh or conveyance either w CAO / IATA:	batteries). / nich a user needs to be award vithin or outside their premise Can be shipped by air in a (ICAO), TI or International Instructions (PI) 965 Sect of IATA DGR 66th (2025	Packing grade: e of, or needs to comply wes. accordance with Internation I Air Transport Association tion IB, PI 966 Section II a Edition) for transportation	/ ////////////////////////////////////		
Hazard Class: Special precautions wh or conveyance either w CAO / IATA: MDG CODE:	batteries). / ich a user needs to be award ithin or outside their premise Can be shipped by air in a (ICAO), TI or International Instructions (PI) 965 Sect of IATA DGR 66th (2025) The batteries are not rest to special provision 188.	Packing grade: e of, or needs to comply wes. accordance with Internation I Air Transport Association tion IB, PI 966 Section II a Edition) for transportation ricted to IMDG Code 2024	/ vith, in connection with transpor onal Civil Aviation Organization n (IATA), DGR Packing nd PI 967 Section II appropriate 4 Edition (Amdt 42-24) accordin		
Hazard Class: Special precautions whor conveyance either with the second	batteries). / nich a user needs to be award vithin or outside their premise Can be shipped by air in a (ICAO), TI or International Instructions (PI) 965 Sect of IATA DGR 66th (2025) The batteries are not rest to special provision 188. UN3480 Lithium ion batteries (included or; Lithium ion batteries pack or; Lithium ion batteries cont batteries).	Packing grade: e of, or needs to comply wes. accordance with Internation al Air Transport Association tion IB, PI 966 Section II a Edition) for transportation tricted to IMDG Code 2024 uding lithium ion polymer l aced with equipment (includ ained in equipments (includ	/ vith, in connection with transport onal Civil Aviation Organization n (IATA), DGR Packing nd PI 967 Section II appropriate 4 Edition (Amdt 42-24) accordin batteries). ling lithium ion polymer batteries uding lithium ion polymer		
Hazard Class: Special precautions whor conveyance either with the conveyanc	batteries). / nich a user needs to be award vithin or outside their premise Can be shipped by air in a (ICAO), TI or International Instructions (PI) 965 Sect of IATA DGR 66th (2025) The batteries are not rest to special provision 188. UN3480 Lithium ion batteries (included or; Lithium ion batteries pack or; Lithium ion batteries cont batteries).	Packing grade: e of, or needs to comply wes. accordance with Internation I Air Transport Association tion IB, PI 966 Section II a Edition) for transportation ricted to IMDG Code 2024 uding lithium ion polymer l ked with equipment (includ ained in equipments (includ Packing grade:	/ vith, in connection with transpor onal Civil Aviation Organization n (IATA), DGR Packing nd PI 967 Section II appropriate 4 Edition (Amdt 42-24) accordin batteries). ling lithium ion polymer batterie uding lithium ion polymer		

CMC TESTI 众检检	ING 验			Report No.: C	CMC241115027M01	
ADR/ ADN:	The batteries are n Commission for Eu special provision 1	ot subject irope (UNE 88 of Chap	to the provis CE) ADR/A ter 3.3. App	sions of United Nation DN if they meet the re licable as from 1 Jan	s Economic equirements of uary 2025.	
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. The batteries should be well protected against short circuits.						
Section 15 – Regulator	ry Information					
(a) International Invent	ories					
TSCA:	Complies.					
DSL:	All components	are listed e	ither on the	DSL or NDSL.		
TSCA - United States Toxic	Substances Control Act Sec	ction 8(b) Inve	entory			
DSL/NDSL - Canadian Dom	estic Substances List/Non-E	Domestic Sub	stances List			
(b) US Federal Regu	lations					
SARA 313		-				
Section 313 of Title III of the chemicals which are subject	Superfund Amendments ar to the reporting requiremen	nd Reauthoriz its of the Act a	ation Act of 19 and Title 40 of	86 (SARA). This product co the Code of Federal Regula	ontains a chemical or ations, Part 372	
Chemical Name	CAS No		Weight-9	SARA 3	13 – Threshold /alues %	
Lithium Cobalt Oxide (Li <mark>Co</mark>	O ₂) 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		<mark>1</mark> .34		0.1	
SARA 311/312 Hazard	d Categories					
Acute Health Hazard			No			
Chronic Health Hazard	1		No			
Fire Hazard			No			
Sudden release of pres	ssure hazard		No			
Reactive Hazard	7		No			
CWA (Clean Water Ad	ct)					
This product contains the fol CFR 122.42)	llowing substances which ar	e regulated p	ollutants pursu	ant to the Clean Water Act	(40 CFR 122.21 and 40	
Chemical Name	CWA - Reportable Quantities	CWA - Pollu	· Toxic Itants	CWA - Priority Pollutants	CWA - Hazardous Substances	
Copper 7440-50-8		2	x	Х		
Nickel			~	Y		
7440-02-0			^	^		
CERCLA						
Environmental Response Co	ontains one or more substai	nces regulated ct (CERCLA)	d as a nazardo (40 CFR 302)	ous substance under the Co	omprenensive	
1-3F, Building 7, He'er Hong	ben Industrial Zone, Dawan	gshan Comm	unity, Shajing	Street, Bao'an District, She	nzhen, Guangdong, China	
400-1668-320	400-1668-320 info@cmczj-lab.com www.cmczj-lab.com 13 / 15					



Chemical Nar	Chemical Name Hazardous Subst RQs		Extremely Haza Substances	ardous RQ RQs				
Copper 7440-50-8		5000 lb		RQ 5 RQ 2	5000 lb final RQ 270 kg final RQ			
Aluminum foil								
7429-90-5 Nickel				RQ	100 lb final RQ			
7440-02-0		100 lb		RQ 4	RQ 5000 lb final RQ RQ 2270 kg final RQ RQ 100 lb final RQ RQ 45.4 kg final RQ oposition 65 hogen Island Illinois X X			
(c) US State Reg	ulations							
California Propos	ition 65							
his product contains th	ne following Proposition	on 65 chemicals.						
	Chemical Name		Cali	fornia Propos <mark>itio</mark> r	n 65			
	Nickel - 7440-02-0			Carcinogen				
J.S. State Right-	to-Know Regula	ations						
Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois			
Lithium Cobalt Oxide (LiCoO ₂) 12190-79-3	х		х	x	х			
Graphite 7782-42-5	×	x	Х					
Copper 7440-50-8	Х	x	Х	x	x			
Aluminum foil 7429-90-5		x		x				
Nickel 7440-02-0	х	x	х	x	х			
(d) International	Regulations							
Mexico								
National occupation	n <mark>al exposure lim</mark> i	ts						
Compo	onent	Carcinoge	en Status	Exposur	e Limits			
Graph 7782-4	nite 12-5			Mexico: TWA	A= 2 mg/m3			
Copp	er			Mexico: TWA Mexico: TWA	A= 1 mg/m3 = 0.2 mg/m3			
7440-3				Mexico: STE	L= 2 mg/m3			
Aluminu 7429-9	m foil 90-5			Mexico: TWA	A 10 mg/m3			
Nick 7440-0	el)2-0			Mexico: TWA	A= 1 mg/m3			

400-1668-320

info@cmczj-lab.com



						•	
Canada							
WHMIS Hazard Class							
Non-controlled							
Section 16 -	Additional Inform	nation					
Section 16 – Additional Information							
NFPA	Health Hazards	1	Flammability	0	Instability	0	Physical and Chemical Hazards
HMIS	HMIS Health Hazards 0 Flammability 0 Physical Hazard 0 Personal Protection X						
Revision Not	e: No in	format	ion available				
Sample pho	oto:						
Disclaimer							
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.							
******End of report*****							
		Testing	laboratory: CMC Tes	ting Inte	rnational (Shenzhen) (Co., Ltd	
Address: 1-	3F, Building 7, He'e	r Hongbe	en Industrial Zone, Da Guango	iwangsh dong, Cł	an Community, Shajin nina	g Stree	t, Bao'an District, Shenzhen,

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