

SAFETY DATA SHEET

For

E-filliate Incorporated 11321 White Rock Rd., Rancho Cordova, CA. 95742, USA

And for their product

Lithium ion Cell

Model/type reference: ICR18650-26F

Nominal Voltage: 3.7V

Typical Capacity.....: 2600mAh (9.62Wh)

Version number: V2.0

Revision date: 18-September-2018

Room 107, No.2, Block 1, Area 1, Headquarters Road No.2, Songshanhu Hi-tech Development Zone, Dongguan,

Guangdong, P.R. China.

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Compiled by (name+ signature) ..: Cantic peng

Approved by (+ signature): Richard chen

Cantic peng Richard chen

Section 1- Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Name: Lithium ion Cell Model No.: ICR18650-26F Other means of identification

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: LITHIUM ION BATTERIES
Uses advised against: No information available
Details of the supplier of the safety data sheet

Manufacturer's / Supplier Name: QUITO TECHNOLOGY CO., LTD

Address: 6F-2, No.6, Lane 180, Sec, 6 MingQuan E.Rd., Nei-Hu Dist., Taipei Telephone number of the manufacturer/supplier: +86-755-23205201

Emergency Telephone Number (24h): +86-755-23205201

E-mail address: weigun@quitotech.net

Section 2 - Hazards Identification

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.0200) this product is an article which is a sealed battery and as such does not require an MSDS per the OSHA hazard communication standard unless ruptured. The hazards indicated are for a ruptured battery.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Specific target organ toxicity (repeated	Category 1
exposure)	

GHS Label elements, including precautionary statements

Emergency Overview

Signal word: Danger Hazard Statements
Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

May cause cancer





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 Pink

Physical State Solid

Odor Odorless

Precautionary	Obtain special instructions before use		
Statements -	Do not handle until all safety precautions have been read and understood		
Prevention	Use personal protective equipment as required		
	Wash face, hands and any exposed skin thoroughly after handling		
	Contaminated work clothing should not be allowed out of the workplace		
	Wear protective gloves		
	Do not breathe dust/fume/gas/mist/vapors/spray		
	Do not eat, drink or smoke when using this product		
Precautionary	IF exposed or concerned: Get medical advice/attention		
Statements -	Specific treatment (see supplemental first aid instructions on this label)		
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact		
	lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get		
	medical advice/attention		
	IF ON SKIN: Wash with plenty of soap and water		
	Take off contaminated clothing and wash before reuse		
	If skin irritation or rash occurs: Get medical advice/attention		
Precautionary	Store locked up		
Statements -			
Storage			
Precautionary	Dispose of contents/container to an approved waste disposal plant		
Statements -			
Disposal			
Hazards not	Not applicable		
otherwise			
classified			
(HNOC)			
Unknown	-		
Toxicity			
Other	May be harmful if swallowed		
information	Very toxic to aquatic life with long lasting effects		
	Repeated or prolonged skin contact may cause allergic reactions with susceptible		
	persons		
Interactions	No information available.		
with Other			
Chemicals			

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Section 3 – Composition/Information on Ingredients

Chemical Name	CAS Number	Weight-%	Trade Secret
Cobalt Lithium Manganese Nickel Oxide	182442-95-1	41.93	
Graphite	7782-42-5	26.9	
PVDF	24937-79-9	1.39	
Copper	7440-50-8	9.26	
Aluminium	7429-90-5	3.46	
Nickel	7440-02-0	0.02	
Styrene butadiene rubber	61789-96-6	1.0	
Polypropylene	9002-88-4	0.18	
Lithium hexafluorophosphate	21324-40-3	15.43	
Cellulose CM	9000-11-7	0.43	

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

Note: CAS number is Chemical Abstract Service Registry Number.

N/A=Not applicable.

Section 4 - First-aid Measures

General Advice	First aid is upon rupture of sealed battery.			
	Eye contact: If symptoms persist, call a physician. Rinse immediately with			
	plenty of water, also under the eyelids, for at least 15 minutes. Keep eye			
	wide open while rinsing. Remove contact lenses, if present and easy to do.			
	Continue rinsing. Do not rub affected area.			
	Skin contact: Wash off immediately with soap and plenty of water for at			
	least 15 minutes. In the case of skin irritation or allergic reactions see a			
	physician. May cause an allergic skin reaction.			
	Inhalation: Remove to fresh air. If symptoms persist, call a physician. 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.			
	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).			
Most important	Most important symptoms and effects: Itching. Coughing and/ or			
symptoms and	wheezing.			

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effects, both acute	
and delayed	
Indication of any	Notes to Physician: Treat symptomatically. May cause sensitization of
immediate medical	susceptible persons.
attention and	
special treatment	
needed	

Section 5 – Fire-fighting Measures

Suitable extinguishing	Use extinguishing measures that are appropriate to local circumstances		
Media	and the surrounding environment.		
Unsuitable	CAUTION: Use of water spray when fighting fire may be inefficient.		
extinguishing Media			
Specific Hazards	Product is or contains a sensitizer. May cause sensitization by skin		
arising from the	contact.		
chemical			
Hazardous	Carbon oxides.		
Combustion Products			
Explosion Data	Sensitivity to Mechanical Impact: No.		
	Sensitivity to Static Discharge: No.		
Protective Equipment	As in any fire, wear self-contained breathing apparatus		
and precautions for	pressure-demand, MSHA/NIOSH (approved or equivalent) and full		
firefighters	protective gear.		

Section 6 – Accidental Release Measures

Personal Precautions,	Personal Precautions: Avoid contact with skin, eyes or clothing. Ensure	
protective equipment,	adequate ventilation. Use personal protective equipment as required.	
and emergency	Evacuate personnel to safe areas.	
procedures	Other Information: Refer to protective measures listed in Sections 7 and	
	8.	
Environmental	Refer to protective measures listed in Sections 7 and 8. Prevent further	
Precautions	leakage or spillage if safe to do so.	
Methods and material	Methods for Containment: Prevent further leakage or spillage if safe to	
for containment and	do so.	
cleaning up	Methods for cleaning up: Pick up and transfer to properly labeled	
	containers.	

Section 7 – Handling and Storage

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Precautions for safe	Handling: In case of rupture. Use personal protection equipment. Avoid	
handling	contact with skin, eyes or clothing. Ensure adequate ventilation. Do not	
	breathe dust/fume/gas/mist/vapors/spray.	
Conditions for safe	Storage: Keep containers tightly closed in a dry, cool and well-ventilated	
storage, including any	place.	
incompatibilities	Incompatible Products: Strong acids. Strong oxidizing agents. Strong	
	bases.	

Section 8 – Exposure Controls and Personal Protection

Control parameters

Exposure Guidelines

Exposure	ACGIH TLV	OSHA PEL	NIOSH IDLH
Guidelines			
Cobalt Lithium Manganese	TWA: 0.02 mg/m³		
Nickel Oxide			
182442-95-1			
Copper foil	TWA:0.2mg/m³ fume	TWA:0.1mg/m³fume	IDLH:100mg/m³dust ,fume
7440-50-8	TWA:1mg/m³Cu dust and mist	TWA:1mg/m³dust and mist	and mist
		(vacated) TWA:0.1g/m³Cu	TWA:1mg/m³dust and mist
		dust,fume,mist	TWA:0.1mg/m³ fume
Aluminum foil	TWA: 1 mg/m³ respirable	TWA: 15 mg/m³ total dust	TWA: 10 mg/m ³ total dust
7429-90-5	fraction	TWA: 5 mg/m³ respirable	TWA: 5 mg/m³ respirable dust
		fraction	
		(vacated) TWA: 15 mg/m ³	1
		Total dust	
		(vacated) TWA: 5 mg/m ³	
	-	respirable fraction	
		(vacated)	
		TWA: 5 mg/m³Al	
		Aluminum	
Graphite	TWA: 2 mg/m³	TWA: 15 mg/m³ total dust	IDLH: 1250 mg/m³
7782-42-5	respirable fraction all	synthetic	TWA: 2.5 mg/m³ respirable
	forms except graphite fibers	TWA: 5 mg/m³ respirable	dust
		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	

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		TWA: 15 mppcf natural	
Nickel	TWA: 1.5 mg/m³	TWA: 1 mg/m³	IDLH: 10 mg/m³
7440-02-0		(vacated) TWA: 1 mg/m³	TWA: 0.015 mg/m³

^{*}ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH 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

Appropriate engineering	Engineering Measures:		
controls	Showers		
	Eyewash stations		
	Ventilation systems.		
Individual protection	Eye/Face Protection: If splashes are likely to occur:. Wear		
measures, such as personal	safety glasses with side shields (or goggles). None required for		
protective equipment	consumer use.		
	Skin and Body Protection: Wear protective gloves and		
	protective clothing. Long sleeved clothing. Impervious gloves.		
	Respiratory Protection: No protective equipment is needed		
	under normal use conditions. If exposure limits are exceeded or		
	irritation is experienced, ventilation and evacuation may be		
	required.		
	Hygiene Measures: Handle in accordance with good industrial		
	hygiene and safety practice. Do not eat, drink or smoke when		
	using this product. Take off contaminated clothing and wash		
	before reuse.Avoid contact with skin, eyes or clothing. Wear		
	suitable gloves and eye/face protection.Wash hands before		
	breaks and immediately after handling the product.		

Section 9 - Physical and Chemical Properties

	Physical state: Solid			
	Appearance: Black and Prismatic			
Physical Properties	Color: Silvery Odor: Odorless			
Troperties				
Odor Threshold: No information available				
Chemical Properties:				
Property	Values Remarks/ Method			
рН		No data available	None known	

Melting / freezing point		No data available		None known	
Boiling point / boiling range		No data available		None known	
	No data availab	le	None	known	
	No data availab	le	None	known	
	No data availab	le	None	known	
	No data availab	le			
	No data availab	le			
	No data availab	le	None	known	
	No data availab	le	None	None known	
Specific Gravity		No data available		None known	
Water Solubility		Insoluble in water		None known	
Solubility in other solvents		No data available		known	
er	0.00001		None	known	
	130℃		None	known	
	No data availab	le	None	known	
Kinematic viscosity		le	None	known	
Dynamic viscosity			None	known	
Explosive properties		le			
Oxidizing Properties		No data available			
	er	No data availab Insoluble in wat No data availab er 0.00001 130°C No data availab No data availab No data availab	No data available Insoluble in water No data available er 0.00001 130°C No data available	No data available None No data available None No data available None No data available None No data available	

Other Information

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

Section 10 - Stability and Reactivity

Reactivity	No data available.
Chemical stability Stable under recommended storage conditions.	
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong acids. Strong oxidizing agents. Strong bases.
Hazardous Decomposition Products	Carbon oxides.

Section 11 - Toxicological Information

Information on likely routes of exposure

intermetion on likely roat	
Product Information	Product does not present an acute toxicity hazard based on known or
	supplied information. In case of rupture:.
Inhalation	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.
	Expected to be an irritant based on components. Irritating to skin.
	Prolonged contact may cause redness and irritation.
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.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Graphite	> 10000 mg/kg (Rat)		-
7782-42-5			
Nickel	> 9000 mg/kg (Rat)		
7440-02-0			

Information on toxicological effects	Symptoms: Erythema (skin redness). May		
	cause redness and tearing of the eyes. Itching.		
	Rashes. Hives.		
Delayed and immediate effects as well as	Sensitization: May cause sensitization of		
chronic effects from short and long-term	susceptible persons. May cause sensitization by		
exposure	skin contact.		
	Mutagenic Effects: No information available.		
	Carcinogenicity: The table below indicates		
	whether each agency has listed any ingredient		
	as a carcinogen		

Chemical Name	ACGIH	IARC	NTP	OSHA
Cobalt Lithium	A3	Group 2B		X
Manganese				
Nickel Oxide				
182442-95-1				
Nickel		Group 1	Reasonably	Х
7440-02-0		Group 2B	Anticipated	

ACGIH (American Conference of Governmental Industrial Hygienists)
A1 - Known Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive Toxicity	No information available.		
STOT - single exposure	No information available.		
STOT - repeated	Causes damage to organs through prolonged or repeated exposure.		
exposure	Based on classification criteria from the 2012 OSHA Hazard		
	Communication Standard (29 CFR 1910.0200), 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 available.		

Numerical measures of toxicity Product Information

The values which are on the	right are		ATEmix (oral)
calculated based on chapte	r 3.1 of the G	HS	ATEmix (dermal)
document.			ATEmix (inhalation-dust/mist)

Section 12 - Ecological Information

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to	Daphnia Magna
			Microorganisms	(Water Flea)
Copper foil	96h EC50: 0.031 - 0.054	96h LC50: 0.0068 - 0.0156		48h EC50: = 0.03 mg/L
7440-50-8	mg/L (Pseudokirchneriella	mg/L (Pimephales		
	subcapitata) 72h EC50:	promelas)		
	0.0426 - 0.0535 mg/L	96h LC50: = 0.112 mg/L		
	(Pseudokirchneriella	(Poecilia reticulata) 96h		
	subcapitata)	LC50: = 0.3 mg/L (Cyprinus		
		carpio) 96h LC50: = 0.8		
		mg/L (Cyprinus carpio) 96h		
		LC50: = 1.25 mg/L		
		(Lepomis		
		macrochirus) 96h LC50: =		
		0.052 mg/L (Oncorhynchus		

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		mykiss) 96h LC50: = 0.2	
		mg/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 mg/L 48h
7440-02-0	(Pseudokirchneriella	(Brachydanio rerio) 96h	EC50: = 1 mg/L
	subcapitata) 96h EC50:	LC50: = 1.3 mg/L (Cyprinus	
	0.174 - 0.311 mg/L	carpio) 96h LC50: = 10.4	
	(Pseudokirchneriella	mg/L (Cyprinus carpio)	
	subcapitata)		

Persistence and Degradability	No information available.
Bioaccumulation	No information available
Other adverse effects	No information available.

Section 13 – Disposal Considerations

Waste treatment methods

Disposal methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40CFR 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: Dispose of in accordance with federal, state and local regulations.

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
Cobalt Lithium Manganese Nickel Oxide	Toxic
182442-95-1	
Copper foil	Toxic
7440-50-8	TOXIC
Aluminum foil	Ignitable pouder
7429-90-5	Ignitable powder
Nickel	Toxic powder
7440-02-0	Ignitable powder

Section 14 – Transport Information

The Lithium ion Cell as stated in Appendix are made in compliance to the requirements stated in the latest edition of the IATA Dangerous Goods Regulations Packing Instruction 965 section I B such that they can be transported as a NOT RESTRICTED (non-hazardous/non-dangerous) goods. However, if those Li-Ion batteries are packed individually or packed with an equipment, then it is the responsibility

of the shipper to ensure that the consignment are packed in compliance to the latest edition of the IATA Dangerous Goods Regulations section II of either Packing Instruction 966 or 967.

With regard to transport, the following regulations are cited and considered:

- The International Civil Aviation Organization (ICAO) Technical Instructions, Packing instruction 965, section I B (2017-2018 Edition).
- The International Air transport Association (IATA) Dangerous Goods Regulations, Packing instruction 965, section I B (59th Edition, 2018).
- Special provision 188 of the International Maritime Dangerous Goods (IMDG) Code (Amendment 38-16 Edition).
- The US Hazardous Materials Regulation 49 CRF (Code of Federal Regulations), sections 173-185 Lithium batteries and cells.
- The UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria 38.3 Lithium batteries, Rev.6.

These products are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to all the applicable international and national governmental regulations, not limited to the above mentioned. We further certify that the enclosed products have been tested and fulfilled the requirements and conditions in accordance with UN Recommendations (T1 – T8) on the Transport of Dangerous Goods Model Regulations and the Manual of Tests and Criteria.

Test results of the UN Recommendation on the Transport of Dangerous Goods

Man	Manual of Test and Criteria (38.3 Lithium battery)								
No.			Test items			Test results		Remark	
T1			Altitude sim	ulation		Pass			
T2			Thermal tes	st		Pass			
Т3			Vibration			Pass			
T4			Shock			Pass			
T5			External sho	ort circuit		Pass			
T6	T6 Impact / Crush		Pass						
T7			Overcharge	;		Pass			
T8			Forced disc	harge		Pass			

Additional Requirements for air transport:

- Cells and batteries must be protected so as to prevent short circuits. This includes protection
 against contact with conductive materials within the same packaging that could lead to a short
 circuit.
- 2. Cells and batteries must be manufactured under a quality management program.
- 3. The Watt-hour rating must be marked on the outside of the battery case except those manufactured before 1 January 2009.
- 4. Cells and batteries must be packed in inner packings that completely enclose the cell or battery. To provide protection from damage or compression to the batteries, the inner packings must be placed in a strong rigid outer packaging of one of the packaging types shown below.
- 5. Each consignment must be accompanied with a document with an indication that:
- · the package contains lithium ion cells or batteries;
- the package must be handled with care and that a flammability hazard exists if the package is

damaged;

- special procedures must be followed in the event the package is damaged, to include inspection and repacking if necessary; and
- a telephone number for additional information.
- 6. Each package must be labelled with a lithium battery handling label (Figure 7.4.H).
- 7. A Shipper's Declaration for Dangerous Goods is not required.
- 8. Any person preparing or offering cells for transport must receive adequate instruction on these requirements commensurate with their responsibilities.
- 9. Equipment must be equipped with an effective means of preventing accidental activation.
- 10. The equipment containing the cells or batteries must be secured against movement within the outer packaging and be packed so as to prevent accidental operation during air transport.
- 11. The equipment must be packed in strong outer packings constructed of suitable material of adequate strength and design in relation to the packaging's capacity and its intended use unless the cell or battery is afforded equivalent protection by the equipment in which it is contained.
- 12. Where a consignment includes packages bearing the lithium battery handling label, the words "Lithium ion batteries in compliance with Section II of PI 966" must be included on the air waybill, when an air waybill is used. The information should be shown in the "Nature and Quantity of Goods" box of the air waybill.

Section 15 - Regulatory Information

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

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 313 - Thr	
			Values %
Cobalt Lithium	182442-95-1	41.93	0.1
Manganese Nickel			
Oxide			
Copper foil	7440-50-8	9.26	1.0
Aluminum foil	7429-90-5	3.46	1.0
Nickel	7440-02-0	0.02	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No

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Reactive Hazard	No
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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 -	CWA - Toxic	CWA - Priority	CWA -
	Reportable	Pollutants	Pollutants	Hazardous
	Quantities			Substances
Copper foil		X	Х	
7440-50-8				
Nickel		Х	Х	
7440-02-0				

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	Extremely Hazardous	RQ	
	Substances RQs	Substances RQs	100.0	
Copper	5000 lb		RQ 5000 lb final RQ	
7440-50-8	7		RQ 2270 kg final RQ	
Nickel	100 lb	-	RQ 100 lb final RQ	
7440-02-0			RQ 45.4 kg final RQ	

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65	
Nickel - 7440-02-0	Carcinogen	

U.S. State Right-to-Know Regulations

Chemical Name	New	Massachusetts	Pennsylvania	Rhode	Illinois
	Jersey			Island	
Cobalt Lithium	X		X	X	X
Manganese Nickel Oxide					
182442-95-1					
Graphite	Х	Х	Х		
7782-42-5					
Copper	Х	Х	Х	Х	Х
7440-50-8					
Aluminum	Χ	Х	Х	Х	
7429-90-5					
Nickel	Х	Х	Х	Х	Х
7440-02-0					

International Regulations

Mexico

National occupational exposure limits

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Component	Carcinogen Status	Exposure Limits
Copper foil		Mexico: TWA=1 mg/m³
7440-50-8 (9.26%)		Mexico: TWA=0.2 mg/m ³
		Mexico: STEL=2 mg/m³
Aluminum foil		Mexico: TWA=10mg/m³
7429-90-5 (3.46%)		
Cobalt Lithium Manganese		Mexico: TWA 0.2 mg/m³
Nickel Oxide		
182442-95-1(41.93%)		
Graphite		Mexico: TWA= 2 mg/m³
7782-42-5(26.9%)		
Nickel		Mexico: TWA 1 mg/m³
7440-02-0 (0.02%)		

Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class

Non-controlled

Section 16 - Other Information

NFPA	Health Hazards 1	Flammability 0	Instability 0	Physical and
HMIS	Health Hazards 0	Flammability 0	Physical Hazard 0	Chemical Hazards -
				Personal Protection X

Revision Date: 5-September-2018
Revision Note: No information available

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 Safety Data Sheet--

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