

Scale: 2/1

MODIFY ITEM	TOLERANCE								
新增KC證號	SELECT V / DIM. TOL		V						
		1	2	3					
	0~0.5	±0.03	±0.05	±0.10					
	>0.5~6	±0.05	±0.10	±0.20					
	>6~30	±0.10	±0.20	±0.50					
	>30~120	±0.15	±0.30	±0.80					
	>120~400	±0.20	±0.50	±1.20					
	>400~1000	±0.30	±0.80	±2.00					
	>1000	±0.50	±1.20	±3.00					

UNIT : mm	ISO NO.	05S2204-03	PROJECT NO.	D546-232T	
PAGE 3 / 3	DESIGNED	TONY CHANG	04/07/'25	MODEL NAME	BILLIE
SCALE 1 : 1	CHECKED	JOHN LU	04/07/'25	DRAWING NAME	Insulator Drawing
REV. D	APPROVED	H Y	04/07/'25	DRAWING NO.	IN-BSBIIET-D
GALLOPWIRE TECHNOLOGY INC.					

Recommandations aux fabricants de matériel et aux assembleurs de batteries

La liste type suivante, mais non exhaustive, de bons conseils est à fournir par le fabricant d'éléments d'accumulateurs et de batteries aux fabricants d'équipements et aux assembleurs d'éléments en batteries.

a) Ne pas démonter, ouvrir ou déchiqueter les éléments. Il convient que les batteries ne soient démontées que par du personnel qualifié. Il convient que les boîtiers de batterie multiéléments soient conçus pour qu'ils ne puissent être ouverts qu'à l'aide d'un outil.

b) Ne pas court-circuiter un élément ou une batterie. Ne pas stocker des éléments ou des batteries au hasard dans une boîte ou un tiroir où ils peuvent se mettre en court-circuit entre eux ou être mis en court-circuit par d'autres matériaux conducteurs.

c) Ne pas enlever un élément ou une batterie de son emballage d'origine tant que cela n'est pas nécessaire à son utilisation.

d) Ne pas exposer des éléments ou des batteries à la chaleur ou au feu. Éviter le stockage directement sous la lumière solaire.

e) Ne pas faire subir de chocs mécaniques aux éléments ou aux batteries.

f) Dans le cas d'une fuite d'un élément, prendre garde à ne pas laisser le liquide entrer en contact avec la peau ou les yeux. Si c'est le cas, laver la zone affectée à grande eau et consulter un médecin.

g) Il convient que le matériel soit conçu de manière à empêcher l'insertion incorrecte des éléments ou des batteries et il convient qu'il comporte des marques bien distinctes de polarité. Toujours respecter les marques de polarité sur l'élément, la batterie et le matériel

et s'assurer que l'utilisation est correcte.

h) Ne pas mélanger des éléments de fabrication, de capacité, de taille ou de type différents à
l'intérieur d'une batterie.

i) Consulter un médecin sans délai en cas d'ingestion d'un élément ou d'une batterie.

j) Prendre conseil auprès du fabricant d'éléments ou de batteries sur le nombre maximum
d'éléments susceptibles d'être assemblés dans une batterie et sur la manière la plus sûre
de connecter les éléments entre eux.

k) Il convient de fournir un chargeur dédié à chaque appareil. Il convient de fournir des
instructions de charge complètes pour tous les accumulateurs proposés à la vente.

l) Maintenir les éléments et les batteries propres et secs.

m) Essuyer les bornes des éléments ou des batteries, si elles deviennent sales, à l'aide d'un
tissu propre et sec.

n) Il est nécessaire de charger les accumulateurs avant usage. Toujours se référer aux
instructions des fabricants d' accumulateurs et utiliser la procédure de charge correcte.

o) Ne pas laisser les accumulateurs en charge lorsqu'ils ne sont pas utilisés.

p) Après des périodes de stockage prolongées, il peut être nécessaire de charger et décharger plusieurs fois les accumulateurs, afin d'obtenir la performance maximale.

q) Conserver les documentations d'origine relatives aux éléments et aux batteries pour s'y
référer ultérieurement.

r) Lors de la mise au rebut des accumulateurs, maintenir les éléments ou les batteries de
systèmes électrochimiques différents séparés les uns des autres.

s) Laisser tomber une fois un dispositif contenant la batterie d'une hauteur d'un mètre sur un
sol en béton. Essayer trois ensembles de batteries complètement chargées. Pour la chute,
choisir la direction dans laquelle la chute libre est susceptible d'avoir le plus fort impact

sur la sécurité de la batterie. Au lieu de faire tomber un dispositif hôte, un choc équivalent

à la chute peut être communiqué à la batterie pour la simulation.

Recommandations pour les utilisateurs finaux

La liste type suivante, non exhaustive, de bons conseils est à fournir par le fabricant
d'appareils aux utilisateurs finaux.

a) Ne pas démonter, ouvrir ou déchiqueter les éléments ou les batteries.

b) Ne pas exposer les éléments ou les batteries à la chaleur ou au feu. Éviter le stockage
directement sous la lumière solaire.

c) Ne pas court-circuiter un élément ou une batterie. Ne pas stocker des éléments ou des
batteries au hasard dans une boîte ou un tiroir, où ils peuvent se mettre en court-circuit
entre eux ou être mis en court-circuit par d'autres objets métalliques.

d) Ne pas enlever un élément ou une batterie de son emballage d'origine tant que cela n'est
pas nécessaire à son utilisation.

e) Ne pas faire subir de chocs mécaniques aux accumulateurs.

f) Dans le cas d'une fuite d'un élément, prendre garde à ne pas laisser le liquide entrer en
contact avec la peau ou les yeux. Si c'est le cas, laver la zone affectée à grande eau et
consulter un médecin.

g) N'utiliser aucun autre chargeur que celui prévu spécifiquement pour utilisation avec
l'appareil.

h) Respecter les marques plus (+) et moins (-) sur l'élément, la batterie et l'appareil et
s'assurer que l'utilisation est correcte.

i) Ne pas utiliser d'éléments ou de batteries d' accumulateurs qui ne sont pas conçus pour
être utilisés avec l'appareil.

j) Ne pas mélanger des éléments de fabrication, de capacité, de taille ou de type différents à
l'intérieur d'un appareil.

k) Il convient de surveiller l'utilisation d'une batterie par des enfants.

l) Consulter un médecin sans délai en cas d'ingestion d'un élément ou d'une batterie.

m) Acheter toujours la batterie recommandée par le fabricant du dispositif pour le matériel.

n) Maintenir les éléments et les batteries propres et secs.

o) Essuyer les bornes des éléments ou des batteries, si elles deviennent sales, à l'aide d'un
tissu propre et sec

p) Il est nécessaire de charger les éléments et les batteries d'accumulateurs avant usage.
Utiliser toujours le chargeur adapté et se référer aux instructions des fabricants ou au
manuel de l' appareil concernant les instructions de charge qui conviennent.

q) Ne pas laisser une batterie en charge prolongée lorsqu'elle n'est pas utilisée.

r) Après des périodes de stockage prolongées, il peut être nécessaire de charger et décharger plusieurs fois les éléments ou les batteries d'accumulateurs, afin d'obtenir la
performance maximale.

s) Conserver les documentations d'origine relatives au produit, pour s'y référer ultérieurement.

t) N'utiliser l'élément ou la batterie d'accumulateurs que dans l'application pour laquelle il ou
elle est prévue.

u) Si possible, enlever la batterie de l'équipement lorsqu'il n'est pas utilisé.

v) Mettre au rebut de manière convenable.

SAFETY DATA SHEET

Issuing Date 14-Jan. -2025 **Revision Date** 14-Jan. -2025 **Revision Number** 1

NGHS / English

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1. IDENTIFICATION

Product identifier 086031

Product Name Rechargeable Li-ion battery

Other means of identification

Product Code(s)

Recommended use of the chemical and restrictions on use

Recommended Use LITHIUM ION BATTERIES

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification Inventus Power, Inc

Address 1200 Internationale Parkway, Woodridge, IL 60517 USA
Woodridge
Illinois
60517
US

Telephone Phone:86.20.39298880
Fax:86.20.39958318

E-mail ligang@inventuspower.com

Emergency telephone number

Company Emergency Phone Number 86.20.39298880-6802

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity - Oral	Category 4

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

This is a battery. In case of rupture: the above hazards exist.

Appearance No information available **Physical state** Solid **Odor** No information available

GHS Label elements, including precautionary statements

Danger

Hazard statements
Harmful if swallowed
May cause an allergic skin reaction
May cause cancer
Causes damage to organs through prolonged or repeated exposure



Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Contaminated work clothing must not be allowed out of the workplace
Do not breathe dust/fume/gas/mist/vapors/spray
Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention
Specific treatment (see supplemental first aid instructions on this label)
Skin
IF ON SKIN: Wash with plenty of water and soap
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
Ingestion
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
Rinse mouth

Precautionary Statements - Storage
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other information
Causes mild skin irritation. Very toxic to aquatic life with long lasting effects.

Unknown acute toxicity 100 % of the mixture consists of ingredient(s) of unknown toxicity

80 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical name	CAS-No	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Nickel	7440-02-0	5	-	-
Lithium Nickel Cobalt manganese Oxide	182442-95-1	31	-	-
Carbon	7440-44-0	23	-	-
Ethylene Carbonate	96-49-1	4	-	-
Diethyl Carbonate	105-58-8	3	-	-
Phosphate(1-), hexafluoro-, lithium	21324-40-3	19	-	-
Copper	7440-50-8	5	-	-
Aluminium	7429-90-5	5	-	-
Iron	7439-89-6	5	-	-

4. FIRST AID MEASURES

First aid measures

General advice First aid is upon rupture of sealed battery. Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical Product is or contains a sensitizer. May cause sensitization by skin contact.

Hazardous Combustion Products Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Other Information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling In case of rupture: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits .

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Cobalt lithium manganese nickel oxide 182442-95-1	TWA: 0.5 mg/m^3 Ni inhalable particulate matter	TWA: 3 mg/m^3 Ni (vacated) TWA: 1 mg/m^3 Ni	IDLH: 10 mg/m^3 TWA: 5 mg/m^3
Carbon 7440-44-0	TWA: 2 mg/m^3 respirable particulate matter 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
Copper 7440-50-8	TWA: 0.2 mg/m^3 fume TWA: 1 mg/m^3 Cu dust and mist	TWA: 0.1 mg/m^3 fume TWA: 1 mg/m^3 dust and mist (vacated) TWA: 0.1 mg/m^3 Cu dust, fume, mist	IDLH: 100 mg/m^3 dust, fume and mist IDLH: 100 mg/m^3 Cu dust and mist TWA: 1 mg/m^3 dust and mist TWA: 0.1 mg/m^3 fume TWA: 1 mg/m^3 Cu dust and mist
Aluminum 7429-90-5	TWA: 1 mg/m^3 respirable particulate matter	TWA: 15 mg/m^3 total dust TWA: 5 mg/m^3 respirable fraction (vacated) TWA: 15 mg/m^3 total dust (vacated) TWA: 5 mg/m^3 respirable fraction (vacated) TWA: 5 mg/m^3 Al Aluminum	TWA: 10 mg/m^3 total dust TWA: 5 mg/m^3 respirable dust TWA: 5 mg/m^3 Al

Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Cobalt lithium manganese nickel oxide 182442-95-1	TWA: 0.5 mg/m^3	TWA: 0.08 mg/m^3	TWA: 0.5 mg/m^3	TWA: 1 mg/m^3
Carbon 7440-44-0	TWA: 2 mg/m^3	TWA: 2 mg/m^3	TWA: 2 mg/m^3	TWA: 2 mg/m^3
Copper 7440-50-8	TWA: 0.2 mg/m^3 TWA: 1 mg/m^3	TWA: 1 mg/m^3 TWA: 0.2 mg/m^3	TWA: 0.2 mg/m^3 TWA: 1 mg/m^3	TWA: 0.2 mg/m^3 TWA: 1 mg/m^3
Aluminum 7429-90-5	TWA: 10 mg/m^3 TWA: 5 mg/m^3	TWA: 1.0 mg/m^3	TWA: 1 mg/m^3	TWA: 10 mg/m^3 TWA: 5 mg/m^3

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 controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Hand protection	Wear suitable gloves.
Skin and body protection	Wear suitable protective clothing.
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.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Solid
Appearance	No information available
Odor	No information available
Color	No information available
Odor Threshold	No information available

Property	**Values**	**Remarks Method**
pH	No data available	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water Solubility	Insoluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition 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 known

Other Information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

10. STABILITY AND REACTIVITY

Reactivity No information available.

Chemical stability Stable under normal 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 None known based on information supplied.

Hazardous Decomposition Products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

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.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Ingestion Specific test data for the substance or mixture is not available. Harmful if swallowed. (based on components).

Information on toxicological effects

Symptoms Itching. Rashes. Hives.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 963.00 mg/kg

Unknown acute toxicity 100 % of the mixture consists of ingredient(s) of unknown toxicity
80 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Iron	= 984 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization May cause sensitization by skin contact.

Germ cell mutagenicity No information available.

Carcinogenicity Classification based on data available for ingredients. Contains a known or suspected carcinogen.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Cobalt lithium manganese nickel oxide 182442-95-1	A1	Group 1	Known	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)
A1 - Known Human Carcinogen
IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to 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 exposure Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard No information available.

12. ECOLOGICAL INFORMATION

Marine Pollutant This product contains a chemical which is listed as a severe marine pollutant according to DOT

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)
Iron	-	96h LC50: = 13.6 mg/L (Morone saxatilis)	-	-
Copper	96h EC50: 0.031 - 0.054 mg/L (Pseudokirchneriella subcapitata) 72h EC50: 0.0426 - 0.0535 mg/L (Pseudokirchneriella	96h LC50: 0.0068 - 0.0156 mg/L (Pimephales promelas) 96h LC50: = 1.25 mg/L (Lepomis macrochirus) 96h LC50: = 0.052 mg/L	-	48h EC50: = 0.03 mg/L

	subcapitata)	(Oncorhynchus mykiss) 96h LC50: = 0.2 mg/L (Pimephales promelas) 96h LC50: < 0.3 mg/L (Pimephales promelas) 96h LC50: = 0.112 mg/L (Poecilia reticulata) 96h LC50: = 0.3 mg/L (Cyprinus carpio) 96h LC50: = 0.8 mg/L (Cyprinus carpio)		

Persistence and Degradability No information available.

Bioaccumulation There is no data for this product.

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

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
Copper 7440-50-8	Toxic
Aluminum 7429-90-5	Ignitable powder

14. TRANSPORT INFORMATION

Note: The transportation of primary lithium cells and batteries is regulated by the International Civil Aviation Organization, International Air Transport Association, International Maritime Dangerous Goods Code and the US Department of Transportation. The batteries must meet the following criteria for shipment: 1. Air shipments must meet the requirements listed in Special Provision A45 of the International Air Transport Association Dangerous Goods Regulations. 2. Meet the requirements for the US Department of Transportation listed in 49 CFR 173.185. 3. The transport of primary lithium batteries is prohibited aboard passenger aircraft. Refer to the Federal Register December 15, 2004 (Hazardous Materials; Prohibited on the Transportation of Primary Lithium Batteries and Cells Aboard Passenger Aircraft; Final Rule)
Lithium batteries shipped as "Lithium batteries", "Lithium batteries packed with equipment", or "Lithium batteries contained in equipment" may not be classified as "Dangerous Goods" when shipped in accordance with "special provision A45 of IATA-DGR" or "special provision

188 of IMO-IMDG Code"

DOT NOT REGULATED
- **Proper Shipping Name** NON-REGULATED
- **Hazard Class** N/A
- **Marine Pollutant** This product contains a chemical which is listed as a severe marine pollutant according to DOT
- **Emergency Response Guide Number** 147

TDG Not regulated
- **Marine Pollutant** This product contains a chemical which is listed as a severe marine pollutant according to TDG.

MEX Not regulated

ICAO Not regulated

IATA Not regulated
- **Proper Shipping Name** NON REGULATED
- **Hazard Class** N/A

IMDG/IMO Not regulated
- **Hazard Class** N/A
- **EmS-No.** F-A, S-I

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

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	Percent	SARA 313 - Threshold Values %
Cobalt lithium manganese nickel oxide 182442-95-1	182442-95-1	31	0.1
Copper - 7440-50-8	7440-50-8	5	1.0
Aluminum - 7429-90-5	7429-90-5	5	1.0

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

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Cobalt lithium manganese nickel oxide 182442-95-1	X		X	X	X
Graphite 7782-42-5	X	X	X		
Copper 7440-50-8	X	X	X	X	X
Aluminum 7429-90-5	X	X	X	X	

16. OTHER INFORMATION

NFPA	**Health hazards** 1	**Flammability** 0	**Instability** 0	**Physical and Chemical Properties** -
HMIS	**Health hazards** 0	**Flammability** 0	**Physical hazards** 0	**Personal Protection** X

Prepared By
Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

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Revision Note No information available

Disclaimer

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End of Safety Data Sheet