# SAFETY DATA SHEET

# 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier	
Product Name	Button Battery CR2032 3V/0.63WH
Other means of identification	
Synonyms	None
Recommended use of the chemica	al and restrictions on use
Recommended Use	Lithium Primary/Metal Batteries
Uses advised against	No information available
Details of the supplier of the safety	y data sheet
Supplier Name Supplier Address	Shenzhen Jingnengda Battery Co., Ltd. 1405 of B1 Block, Honglong Square, Xixiang, Bao'an, Shenzhen, China 518000
Supplier Phone Number	Phone: +860755-33884656 Fax: +860755-33884656 Contact Phone: +860755-33884656
Supplier Email Emergency telephone number	sales@xtldz.com

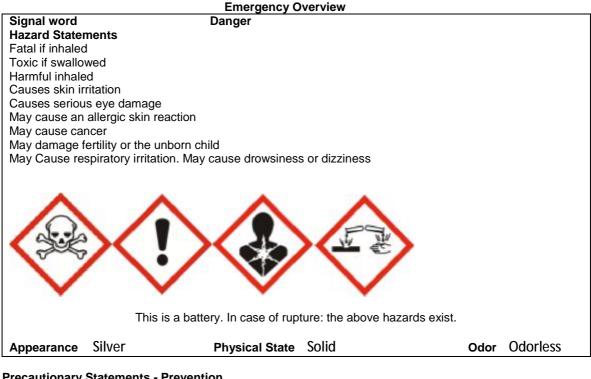
# 2. HAZARDS IDENTIFICATION

#### **Classification**

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 1
Skin sensitization	Category 1
Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 1
Acute toxicity(Oral)	Category 3
Acute Inhalation(Gases)	Category 2
Acute toxicity - Inhalation (Vapors)	Category 2
Acute Inhalation(Dusts/Mists)	Category 2
Reproductive Toxicity	Category 1A

GHS Label elements, including precautionary statements



#### **Precautionary Statements - Prevention**

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Use only outdoors or in a well-ventilated area Contaminated work clothing should not be allowed out of the workplace Wear protective gloves Do not breathe dust/fume/gas/mist/vapors/spray Wear eye/face protection

#### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention Specific treatment (see supplemental first aid instructions on this label)

#### Eyes

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

#### Skin

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 Statements - Storage**

Store locked up Store in a well-ventilated place. Keep container tightly closed

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC) Not applicable

**Unknown Toxicity** 

#### Other information

Very toxic to aquatic life with long lasting effects

#### Interactions with Other Chemicals

Use of alcoholic beverages may enhance toxic effects

3. COMPOSITION/INFORMATION ON INGREDIENTS			
Chemical Name	CAS No.	Weight %	
Ethylene glycol dimethyl ether	110-71-4	1.5	
Propylene carbonate	108-32-7	3	
Perchloric acid, lithium salt	7791-03-9	4	
Lithium	7439-93-2	1.91	
Graphite	7782-42-5	2.17	
Carbon black	1333-86-4	2.17	
Manganese dioxide	1313-13-9	30.99	
Polypropylene	9003-07-0	3.76	
Steel manufacture, chemicals	65997-19-5	50.5	

	4. FIRST AID MEASURES	
<u>First aid measures</u> <u>General Advice</u>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance	
Eye Contact	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. Get medical attention if irritation develops and persists. 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. If breathing is difficult.(trained personnel should) give oxygen. 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. Do not breathe dust.	
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. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe dust. 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.	

Most important symptoms and effects, both acute and delayed

Most Important Symptoms Coughing and/ or wheezing. Itching. and Effects

#### Indication of any immediate medical attention and special treatment needed

Notes to Physician May cause sensitization of 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.

Uniform Fire Code	Sensitizer: Solid
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Hazardous Combustion Products

Carbon Oxides

#### Explosion Data

Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	No.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 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
Environmental Precautions Environmental Precautions	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains
Methods for cleaning up	Pick up and transfer to properly labeled containers
Methods for Containment	Prevent further leakage or spillage if safe to do so.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

Handling

In case of rupture. Use personal protection equipment. Avoid contact with skin, eyes or clothing.

#### Conditions for safe storage, including any incompatibilities

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products Strong acids. Strong oxidizing agents. Strong bases.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Manganese dioxide 1313-13-9	TWA: 0.02 mg/m <sup>3</sup> Mn TWA: 0.1 mg/m <sup>3</sup> Mn	(vacated) Ceiling: 5 mg/m <sup>3</sup> Ceiling: 5 mg/m <sup>3</sup> Mn	IDLH: 500 mg/m <sup>3</sup> Mn TWA: 1 mg/m <sup>3</sup> Mn STEL: 3 mg/m <sup>3</sup> Mn
Steel manufacture, chemicals 65997-19-5	STEL: 10 mg/m <sup>3</sup> Zr TWA: 0.05 mg/m <sup>3</sup> Pb TWA: 0.00005 mg/m <sup>3</sup> Be inhalable fraction TWA: 1 mg/m <sup>3</sup> Cu dust and mist TWA: 0.2 mg/m <sup>3</sup> Se TWA: 1 mg/m <sup>3</sup> Y TWA: 5 mg/m <sup>3</sup> Zr TWA: 0.02 mg/m <sup>3</sup> Mn TWA: 0.1 mg/m <sup>3</sup> Mn TWA: 0.5 mg/m <sup>3</sup> Hf S*	TWA: 50 µg/m <sup>3</sup> Pb TWA: 2 µg/m <sub>3</sub> Be TWA: 0.2 mg/m <sup>3</sup> Se TWA: 5 mg/m <sup>3</sup> Zr Action Level: 30 µg/m <sup>3</sup> Pb Poison, See 29 CFR 1910.1025 (vacated) TWA: 2 µg/m <sup>3</sup> Be (vacated) TWA: 0.2 mg/m <sup>3</sup> Se (vacated) TWA: 5 mg/m <sup>3</sup> Zr (vacated) STEL: 25 µg/m <sup>3</sup> 30 min (vacated) STEL: 10 mg/m <sup>3</sup> Zr (vacated) Ceiling: 5 µg/m <sup>3</sup> (vacated) Ceiling: 5 mg/m <sup>3</sup> Ceiling: 5 µg/m <sup>3</sup> Be Ceiling: 5 mg/m <sup>3</sup> Mn	IDLH: 4 mg/m <sup>3</sup> Be IDLH: 100 mg/m <sup>3</sup> Cu dust and mist IDLH: 500 mg/m <sup>3</sup> Mn IDLH: 1 mg/m <sup>3</sup> Se IDLH: 500 mg/m <sup>3</sup> Y IDLH: 25 mg/m <sup>3</sup> Zr IDLH: 100 mg/m <sup>3</sup> Pb IDLH: 100 mg/m <sup>3</sup> Ni IDLH: 500 mg/m <sup>3</sup> Ni IDLH: 500 mg/m <sup>3</sup> V IDLH: 500 mg/m <sup>3</sup> V IDLH: 500 mg/m <sup>3</sup> V IDLH: 500 mg/m <sup>3</sup> V dust and fume 15 min Ceiling: 0.050 mg/m <sup>3</sup> Be TWA: 1 mg/m <sup>3</sup> Cu dust and mist TWA: 1 mg/m <sup>3</sup> except Selenium hexafluoride Se TWA: 1 mg/m <sup>3</sup> Y TWA: 5 mg/m <sup>3</sup> except Zirconium tetrachloride Zr TWA: 0.050 mg/m <sup>3</sup> Pb TWA: 0.015 mg/m <sup>3</sup> except Nickel carbonyl Ni TWA: 0.5 mg/m <sup>3</sup> Hf STEL: 3 mg/m <sup>3</sup> Mn STEL: 10 mg/m <sup>3</sup> Zr
Graphite 7782-42-5	TWA: 2 mg/m <sup>3</sup> respirable fraction all forms except graphite fibers	TWA: 15 mg/m <sup>3</sup> total dust synthetic TWA: 5 mg/m <sup>3</sup> respirable fraction synthetic (vacated) TWA: 2.5 mg/m <sup>3</sup> respirable dust natural (vacated) TWA: 10 mg/m <sup>3</sup> total dust synthetic (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction synthetic TWA: 15 mppcf natural	IDLH: 1250 mg/m <sup>3</sup> TWA: 2.5 mg/m <sup>3</sup> respirable dust
Carbon black 1333-86-4	TWA: 3 mg/m <sup>3</sup> inhalable fraction	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

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 controls

Engineering Measures	Showers Eyewash stations Ventilation systems	
Individual protection measures	, such as personal protective equipment	
Eye/Face Protection	Tight sealing safety goggles	
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.	

# 9. PHYSICAL AND CHEMICAL PROPERTIES

#### **Physical and Chemical Properties**

Physical StateSolidAppearanceSilverColorNo information available	Odor Odor Threshold	Odorless No information available
Prove (	M.L.	
Property	<u>Values</u>	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		
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
Specific Gravity	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	0.001	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	0.001	None known
Explosive properties	No data available	
Oxidizing Properties	No data available	
Other Information		

Other Information

Softening Point VOC Content (%) No data available No data available

#### Particle Size Particle Size Distribution

No data available

# **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

# **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. Corrosive by inhalation.(based on components).
Eye Contact	Specific test data for the substance or mixture is not available. Expected to be and 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. May be harmful if swallowed. (based on components).

#### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Graphite	> 10000 mg/kg ( Rat )	-	-
7782-42-5			
Carbon black	> 15400 mg/kg ( Rat )	> 3 g/kg ( Rabbit )	-
1333-86-4			
Manganese dioxide	= 9000 mg/kg ( Rat )	-	-
1313-13-9			
Propylene carbonate	>29000 mg/kg ( Rat )	>20 mL/kg (Rabbit)	-
108-32-7			

#### Information on toxicological effects

Symptoms

Erythema (skin redness). May cause redness and tearing of the eyes.

May cause blindness. Burning. Coughing and/ or wheezing. Difficulty in breathing. Itching. Rashes. Hives.

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

Sensitization	May cause sensitization of susceptible persons. May cause sensitization by skin contact. May cause sensitization by inhalation.
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
Carbon black 1333-86-4	A3	Group 2B		Х
Steel manufacture, chemicals 65997-19-5	A1 A3	Group 1 Group 2A Group 2B Group 3	Known Reasonably Anticipated	X

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 NTP (National Toxicology Program) Known - Known Carcinogen OSHA (Occupational Safety and Health Administration of the US Department of Labor) X- Present		
Reproductive Toxicity	Contains a known or suspected reproductive toxin	
STOT - single exposure	No information available.	
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure. Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR1910.1200), this product has been determined to cause systemic target organ toxicity from chronic or repeated exposure. (STOT RE).	
Chronic Toxicity	No known effect based on information supplied. Contains a known or suspected carcinogen. Contains a known or suspected reproductive toxin. Possible risk of irreversible effects. Avoid repeated exposure. Prolonged exposure may cause chronic effects. May cause adverse effects on the bone marrow and blood-forming system. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. May cause adverse liver effects.	
Target Organ Effects	Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Reproductive System. Blood.Central Nervous System (CNS). Central Vascular System (CVS). Kidney. Lungs. Nasal cavities. Cardiovascular system. Systemic Toxicity. Liver.	
Aspiration Hazard	No information available.	
<u>Numerical measures of toxicity Product Information</u> The following values are calculated based on chapter 3.1 of the GHS document ATEmix (oral) ATEmix (dermal) ATEmix (inhalation-dust/mist)		

# **12. ECOLOGICAL INFORMATION**

#### **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)
Carbon black 1333-86-4				24h EC50: > 5600 mg/L
Propylene carbonate 108-32-7	72h EC50: > 500 mg/L (Desmodesmus subspicatus)	96h LC50: > 1000 mg/L (Cyprinus carpio) 96h LC50: = 5300 mg/L (Leuciscus idus)	EC50 > 10000 mg/L 17 h	48h EC50: > 500 mg/L

#### Persistence and Degradability

No information available.

#### **Bioaccumulation**

No information available	
Propylene carbonate 108-32-7	0.48
Manganese dioxide 1313-13-9	<0

#### Other adverse effects

No information available.

# **13. DISPOSAL CONSIDERATIONS**

#### Waste treatment methods Disposal methods

Contaminated Packaging

Should not be released into the environment. Dispose of in accordance with federal, state and local regulations.

#### California Hazardous Waste Codes 141

Chemical Name	California Hazardous Waste
Lithium	Corrosive
7439-93-2	Ignitable
	Reactive
Steel manufacture, chemicals	Toxic
65997-19-5	

# **14. TRANSPORT INFORMATION**

N	oto.
1 1	ole.

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"

DOTNOT REGULATEDProper Shipping NameNON REGULATEDHazard ClassN/A

TDG	Not requ
	0
MEX	Not regu
ICAO	Not regu
IATA	Not regu
Proper Shipping Name	Not regu
Hazard Class	N/A
IMDG/IMO	Not regul
Proper Shipping Name	NON-RE
Hazard Class	N/A
EmS No.	F-A, S-I
RID	Not regul
ADR	Not regul
AND	Not regul

Not regulated Not regulated Not regulated Not regulated N/A Not regulated NON-REGULATED PER SP 188 N/A F-A, S-I Not regulated Not regulated Not regulated Not regulated

# **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 - Threshold Values %
Manganese dioxide	1313-13-9	30.99	1.0
Steel manufacture,	65997-19-5	50.5	1.0
chemicals			0.1
Ethylene glycol dimethyl	110-71-4	1.5	1.0
ether			

#### SARA 311/312 Hazard Categories

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

#### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean

WA - Reportable	CWA - Toxic	CWA - Priority	CWA - Hazardous
uantities	Pollutants	Pollutants	Substances
	Х		
		•	

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### **US State Regulations**

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals.

The product contains the following r toposition of chemicals.	
Chemical Name	California Proposition 65

Carbon black - 1333-86-4	Carcinogen
Steel manufacture, chemicals - 65997-19-5	Carcinogen Developmental

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Lithium 7439-93-2	X	X	X		
Steel manufacture, chemicals 65997-19-5			Х	Х	X
Manganese dioxide 1313-13-9			Х	Х	X
Graphite 7782-42-5	X	X	X		
Ethylene glycol dimethyl ether 110-71-4	Х	Х	X	Х	X
Carbon black 1333-86-4	Х	X	X		X

### **International Regulations**

#### Mexico National occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Manganese dioxide		Mexico: TWA= 0.2 mg/m <sup>3</sup>
1313-13-9 (30.99%)		
Graphite		Mexico: TWA= 2 mg/m <sup>3</sup>
7782-42-5(2.17%)		
Carbon black		Mexico: TWA 3.5 mg/m <sup>3</sup>
1333-86-4(2.17%)		Mexico: STEL 7 mg/m <sup>3</sup>
Steel manufacture, chemicals	A3	Mexico: TWA 0.15 mg/m <sup>3</sup>
65997-19-5(50.5%)	A2	Mexico: TWA 0.002 mg/m <sup>3</sup>
		Mexico: TWA 0. 2 mg/m <sup>3</sup>
		Mexico: TWA 5 mg/m <sup>3</sup>
		Mexico: STEL 10 mg/m <sup>3</sup>

Mexico - Occupational Exposure Limits - Carcinogens

#### Canada WHMIS Hazard Class D2A - Very toxic materials



# **16. OTHER INFORMATION**

NFPA	Health Hazards 1	Flammability 0	Instability 1	Physical and Chemical Hazards -			
HMIS	Health Hazards 4	* Flammability 0	Physical Hazard 1	Personal Protection			
Chronic Hazard Star Legend * = Chronic Health Hazard							
Prepare	d By	Shenzhen Jingnengo	da Battery Co., Ltd.				
Issuing Revision Revision	n Date	03-Feb-2015 No information avail	able				

#### 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