



Report No.: MPIP8M3L797547U3

MSDS Report

Sample Name

& Model

Lithium-ion cell JGCFR18650-1800mAh -3.2V

Applicant

Shandong Goldencell Electronics Technology Co.,Ltd

Address

5th Fuyuan Road, Hi-Tech District, Zaozhuang City, Shandong, China



No.: MPIP8M3L797547U3

Code: C9cE21



北京实验室:(010)83055000 北京等实验室:(010)62450233-8010 北京潜尼科技公司:(010)80415661 青岛实验室:(0532)88706866 青岛医学实验室:(0532)88706866 天津实验室:(022)23607888 天津医学实验室:(022)23607888 长春实验室:(0431)80530198 吉林医学实验室:(0431)80530700 大连实验室:(0411)87336618 哈尔蔣实验室: (0451)58627755 黑拉江医学突验室: (0451)58603455 郑州 实验室: (0371)69350670 郑州蘭西医学突验室: (0371)63279066 新疆 实验室: (0991)6684186 石家庄实验室: (0311)85376660 西安实验室: (029)89608785 西安创尼实验室: (029)81123093 西安邮验应突验室: (029)62886819 西安医学实验室: (029)89608785 呼和浩特实验室: (0471)3450025

武汉实验室: (027)83997127 武汉医学实验室: (027)85446975 杭州实验室: (0571)87219096 杭州医学实验室: (0571)87219096 宁波实验室: (0571)87977185 合肥实验室: (0755)26050909 深圳医学实验室: (0755)26050909 广州实验室: (0757)5518818 厦门实验室: (0592)5568048







Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 1 of 11

Material Safety Data Sheet

Reference to ST/SG/AC.10/30/Rev.9 (GHS)

Section 1 - Chemical Product and Company Identification

Chemical Product Identification Sample Name: Lithium-ion cell

Sample Model: JGCFR18650-1800mAh -3.2V

Recommended Uses: N/A Restrictions on Use: N/A

Supplier Name: Shandong Goldencell Electronics Technology Co., Ltd

Address: 5th Fuyuan Road, Hi-Tech District, Zaozhuang City, Shandong, China

Phone Number: 0632-5195098

FAX: 0632-5199218

E-mail: od02@goldencell.biz

Emergency Phone Number: 0632-5195098

Section 2 - Hazards Identification

Emergency overview: This product is a battery. Intended use of the product should not result in exposure to the chemical substance. In case of rupture the below hazards exist.

Classification according to GHS

Acute toxicity, oral (4)

Skin corrosion/irritation (2)

Serious eye damage/eye irritation (2A)

Specific target organ toxicity, single exposure; Respiratory tract irritation (3)

Label elements

Hazard pictogram(s):



Signal word:

Warning

Hazard statement(s):

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation



Pony Testing Group Shenzhen Co., Ltd. Address: 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, China Phone: 0755-26050909

大连医学实验室:(0411)87336618

北京医学实验室:(010)62450233-8010 黑龙江医学实验室: (0451)58603455 青岛医学实验室:(0532)88706866 新疆实验室:(0991)6684186 天津实验室:(022)23607888 石家庄实验室:(0311)85376660 吉林医学实验室:(0431)80529700 西安查德威克实验室:(029)62886819 大连实验室:(0411)87336618 西安医学实验室:(029)89608785 呼和浩特实验室:(0471)3450025

北京实验室:(010)83055000 哈尔滨实验室:(0451)58627755 内蒙古医学实验室:(0471)3591511 武汉实验室:(027)83997127 太原实验室:(0351)7555722 武汉医学实验室:(027)85446975 北京谱尼科技公司:(010)80415661 郑州实验室:(0371)69350670 成都实验室:(028)87702708 青岛实验室:(0532)88706866 郑州潜死学实验室:(0371)6327906 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096 上海实验室:(021)64851999 上海医学实验室:(021)64851999 合肥实验室:(0551)63843474 天津医学实验室:(022)23607888 西安实验室:(029)89608785 苏州实验室:(0512)62997900 长春实验室:(0431)80530198 西安创尼实验室:(029)81123093 苏州汽车安全带及儿童安全座椅 深圳医学实验室:(0755)26050909 碰撞实验室: (0512)62997900 苏州医学实验室:(0512)62997900 武汉车附所: (027)82318175

杭州实验室:(0571)87219096 宁波实验室:(0574)87977185 深圳实验室:(0755)26050909 广州实验室:(020)89224310 南宁实验室:(0771)5518818 厦门实验室:(0592)5568048





Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 2 of 11

Precautionary statement(s):

Prevention:

P264 Wash skin and clothing thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves, protective clothing, eye protection, face protection.

P261 Avoid breathing dust, fume, gas, mist, vapours, spray.

P271 Use only outdoors or in a well-ventilated area.

Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER if you feel unwell.

P330 Rinse mouth.

P302 + P352 IF ON SKIN: Wash with plenty water.

P321 Specific treatment (See additional emergency instructions).

P333 + P313 If skin irritation or rash occurs: Get medical advice.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER, if you feel unwell.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal:

P501 Send contents to approved waste treatment plants.

Other hazards

Physical and chemical hazards: See Section 10

Human health hazards: See Section 11 Environmental hazards: See Section 12

Section 3 - Composition/Information on Ingredients

Chemical characterization: Mixture

Chemical Composition	CAS No.	EC#	Weight (%)
Ferrous Phosphate Lithium	15365-14-7	476-700-9	26~38
Polyvinylidene fluoride resin	24937-79-9	607-458-6	0.9~1.1



北京谱尼科技公司:(010)80415661 青岛实验室:(0532)88706866 青岛医学实验室:(0532)88706866 天津实验室:(022)23607888 天津医学实验室:(022)23607888

大连医学实验室:(0411)87336618

|北京实验室:(010)83055000 哈尔滨实验室:(0451)58627755 北京医学实验室:(010)62450233-8010 黑龙工医学实验室: (0451)58603455 郑州实验室:(0371)69350670 郑州请记宏学实验室:(0371)63279066 贵州实验室:(0851)85221000 新疆实验室:(0991)6684186 石家庄实验室:(0311)85376660 西安实验室:(029)89608785 长春实验室:(0431)80530198 西安创尼实验室:(029)81123093 吉林医学实验室:(0431)80529700 西安查德威克实验室:(029)62886819 大连实验室:(0411)87336618 西安医学实验室:(029)89608785 苏州医学实验室:(0512)62997900 呼和浩特实验室:(0471)3450025

内蒙古医学实验室: (0471)3591511 太原实验室:(0351)7555722 成都实验室:(028)87702708 上海实验室:(021)64851999 上海医学实验室:(021)64851999 苏州实验室:(0512)62997900 苏州汽车安全带及儿童安全座椅 碰撞实验室: (0512)62997900 武汉车附所: (027)82318175

武汉实验室: (027)83997127 武汉医学实验室: (027)85446975 杭州实验室:(0571)87219096 杭州医学实验室:(0571)87219096 宁波实验室:(0574)87977185 合肥实验室:(0551)63843474 深圳实验室:(0755)26050909 深圳医学实验室:(0755)26050909 广州实验室:(020)89224310 南宁实验室:(0771)5518818 厦门实验室:(0592)5568048









Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 3 of 11

Cellulose, carboxymethyl ether	9000-11-7	618-326-2	0.15~0.25
Styrene-butadiene rubber 1500	9003-55-8	618-370-2	0.35~0.45
Carbon black	1333-86-4	215-609-9	14~15.5
Polypropylene	9003-07-0	618-352-4	2~3
Phosphate(1-), hexafluoro-, lithium	21324-40-3	244-334-7	1.4~1.7
Carbonic acid, dimethyl ester	616-38-6	210-478-4	2.8~3.4
Carbonic acid, ethyl methyl ester	623-53-0	613-014-2	4.5~6.5
1,3-Dioxolan-2-one	96-49-1	202-510-0	2.3~2.7
Copper	7440-50-8	231-159-6	9.0~10.0
Aluminium	7429-90-5	231-072-3	3.9~4.4
Iron	7439-89-6	231-096-4	22~33

Section 4 - First Aid Measures

Description of first aid measures

General information No special measures required.

After eye contact

Flush eyes with plenty of water for several minutes while holding eyelids open. Get medical attention if irritation persists.

After skin contact

Remove contaminated clothing and shoes. Immediately wash with water and soap and rinse thoroughly. Wash clothing and shoes before reuse. If irritation occurs, get medical attention.

After inhalation

Remove victim to fresh area. Administer artificial respiration if breathing is difficult. Seek medical attention.

After swallowing

Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available. Most important symptoms/effects, acute and delayed: No data available.

Indication of immediate medical attention and special treatment needed: Treat symptomatically.

Section 5 - Fire Fighting Measures



Pony Testing Group Shenzhen Co., Ltd. Address: 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, China Phone: 0755-26050909

青岛医学实验室:(0532)88706866 天津医学实验室:(022)23607888 吉林医学实验室:(0431)80529700 大连实验室:(0411)87336618 大连医学实验室:(0411)87336618

北京实验室:(010)83055000 哈尔滨实验室:(0451)58627755 北京医学实验室:(010)62450233-8010 黑龙工医学实验室: (0451)58603455 北京谱尼科技公司:(010)80415661 郑州实验室:(0371)69350670 青岛实验室:(0532)88706866 郑州潜死学实验室:(0371)63279066 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096 新疆实验室:(0991)6684186 天津实验室:(022)23607888 石家庄实验室:(0311)85376660 上海医学实验室:(021)64851999 西安实验室:(029)89608785 苏州实验室:(0512)62997900 长春实验室:(0431)80530198 西安创尼实验室:(029)81123093 苏州汽车安全带及儿童安全座椅 西安查德或克实验室:(029)62886819 西安医学实验室:(029)89608785 苏州医学实验室:(0512)62997900 呼和浩特实验室:(0471)3450025

内蒙古医学实验室: (0471) 3591511 武汉实验室: (027) 83997127 太原实验室:(0351)7555722 成都实验室:(028)87702708 上海实验室:(021)64851999 碰撞实验室: (0512)62997900 武汉车附所: (027)82318175

武汉医学实验室: (027)85446975 杭州实验室:(0571)87219096 宁波实验室:(0574)87977185 合肥实验室:(0551)63843474 深圳实验室:(0755)26050909 深圳医学实验室:(0755)26050909 广州实验室:(020)89224310 南宁实验室:(0771)5518818 厦门实验室:(0592)5568048



Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 4 of 11

Suitable extinguishing media:

Small Fire: Dry chemical, CO2, water spray or regular foam. Large Fire: Water spray, fog or regular foam. Move containers from fire area if you can do it without risk.

Unsuitable extinguishing media:

No data available.

Specific Hazards arising from the chemical:

Special hazards arising from the substance or mixture

Battery may burst and release hazardous decomposition products when exposed to a fire situation. Lithium ion batteries contain flammable electrolyte that may vent, ignite and produce sparks when subjected to high temperature(>150°C(302°F)), when damaged or abused (e.g. mechanical damage or electrical overcharging); may burn rapidly with flare-burning effect; may ignite other batteries in close proximity.

Specific protective actions for fire-fighters:

Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal precautions:

As an immediate precautionary measure, isolate spill or leak area for at least 25 meters (75 feet) in all directions. Keep unauthorized personnel away. Stay upwind, uphill and/or upstream. Ventilate closed spaces before entering. Large Spill: Consider initial downwind evacuation for at least 100 meters (330 feet).

Protective equipment:

No data available.

Emergency procedures:

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Absorb with earth, sand or other non-combustible material. Leaking batteries and contaminated absorbent material should be placed in metal containers.

Environmental precautions:

Do not allow material to be released to the environment without proper governmental permits.

Methods and materials for containment and cleaning up:

For all waste handing must refer to United Nations, National and Local Regulations for disposal.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.



北京谱尼科技公司:(010)80415661 青岛实验室:(0532)88706866 青岛医学实验室:(0532)88706866 天津实验室:(022)23607888 天津医学实验室:(022)23607888 长春实验室:(0431)80530198 大连医学实验室:(0411)87336618

北京实验室:(010)83055000 哈尔滨实验室:(0451)58627755 北京医学实验室:(010)62450233-8010 黑龙江医学实验室: (0451)58603455 郑州实验室:(0371)69350670 郑州谱记医学实验室:(0371)63279066 贵州实验室:(0851)85221000 新疆实验室:(0991)6684186 石家庄实验室:(0311)85376660 西安实验室:(029)89608785 西安创尼实验室:(029)81123093 吉林医学实验室:(0431)80529700 西安查德成克实验室:(029)62886819 大连实验室:(0411)87336618 西安医学实验室:(029)89608785 苏州医学实验室:(0512)62997900 呼和浩特实验室:(0471)3450025

内蒙古医学实验室: (0471) 3591511 太原实验室:(0351)7555722 成都实验室:(028)87702708 上海实验室:(021)64851999 上海医学实验室:(021)64851999 苏州实验室:(0512)62997900 苏州汽车安全带及儿童安全座椅 碰撞实验室: (0512)62997900 武汉车附所: (027)82318175

武汉实验室: (027)83997127 武汉医学实验室: (027)85446975 杭州实验室:(0571)87219096 杭州医学实验室:(0571)87219096 宁波实验室:(0574)87977185 合肥实验室:(0551)63843474 深圳实验室:(0755)26050909 深圳医学实验室:(0755)26050909 广州实验室:(020)89224310 南宁实验室:(0771)5518818 厦门实验室:(0592)5568048







Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 5 of 11

Section 7 - Handling and Storage

Precautions for safe handling:

Avoid short circuiting the battery. Avoid mechanical damage of the battery. Do not open or disassemble. Batteries may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity. Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated place. Keep away from heat, avoiding the long time of sunlight.

Section 8 - Exposure Controls/Personal Protection

Control parameters

CAS No.	ACGIH	NIOSH	OSHA	
15365-14-7	N/A	N/A	N/A	
24937-79-9	N/A	N/A	N/A	
9000-11-7	N/A	N/A	N/A	
9003-55-8	N/A	N/A	N/A	
1333-86-4	TLV-TWA 3mg/m ³	REL-TWA 3.5mg/m ³	PEL-TWA 3.5mg/m ³	
9003-07-0	N/A	N/A	N/A	
21324-40-3 N/A		N/A	N/A	
616-38-6 N/A		N/A	N/A	
623-53-0 N/A		N/A	N/A	
96-49-1 N/A		N/A	N/A	
7440-50-8 TLV-TWA 0.2mg/m ³ TLV-TWA 1mg/m ³		REL-TWA 1mg/m ³ REL-TWA 0.1mg/m ³	PEL-TWA 0.1mg/m ³ PEL-TWA 1mg/m ³	
7429-90-5 TLV-TWA 1mg/m ³		REL-TWA 2mg/m ³ REL-TWA 5mg/m ³ REL-TWA 10mg/m ³	PEL-TWA 5mg/m³ PEL-TWA 15mg/m³	
7439-89-6	N/A	N/A	N/A	

Appropriate engineering controls:

The usual precautionary measures for handling chemicals should be followed.



Pony Testing Group Shenzhen Co., Ltd. Address: 3/F, of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, China Phone: 0755-26050909

北京实验室:(010)83055000 哈尔滨实验室:(0451)58627755 北京谱尼科技公司:(010)80415661 青岛实验室:(0532)88706866 天津实验室:(022)23607888 长春实验室:(0431)80530198 大连医学实验室:(0411)87336618

北京医学实验室:(010)62450233-8010 黑龙江医学实验室: (0451)58603455 郑州实验室:(0371)69350670 郑州谱尼安学实验室:(0371)63279066 青岛医学实验室:(0532)88706866 新疆实验室:(0991)6684186 石家庄实验室:(0311)85376660 天津医学实验室:(022)23607888 西安实验室:(029)89608785 西安创尼实验室:(029)81123093 吉林医学实验室:(0431)80529700 西安查德威克实验室:(029)62886819 大连实验室:(0411)87336618 西安医学实验室:(029)89608785 呼和浩特实验室:(0471)3450025

内蒙古医学实验室: (0471)3591511 武汉实验室: (027)83997127 太原实验室:(0351)7555722 成都实验室:(028)87702708 贵州实验室:(0851)85221000 上海实验室:(021)64851999 上海医学实验室:(021)64851999 苏州实验室:(0512)62997900 苏州汽车安全带及儿童安全座椅 碰撞实验室: (0512)62997900 广州实验室:(020)89224310 苏州医学实验室:(0512)62997900 武汉车附所: (027)82318175

武汉医学实验室: (027)85446975 杭州实验室:(0571)87219096 杭州医学实验室:(0571)87219096 宁波实验室:(0574)87977185 合肥实验室:(0551)63843474 深圳实验室:(0755)26050909 深圳医学实验室:(0755)26050909 南宁实验室:(0771)5518818 厦门实验室:(0592)5568048







Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 6 of 11

Not available.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Personal Protective Equipment:

Melting point/freezing point:

Respiratory protection: Wear suitable protective mask. For a large large number of battery leakages, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eye Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

Section 9 - Physical and Chemical Properties

l	nformat	ion	on	basic	ph	ysical	and	chemi	cal	propert	ies

Blue. Colour:

Physical State: Cylindrical.

Odour: Not available.

Not available. pH:

Boiling point or initial boiling point and boiling range: Not available.

Flash Point: Not available.

Not available. Flammability:

Solubility: Not available.

Lower and upper explosion limit/flammability limit: Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Kinematic viscosity: Not available.

Partition coefficient: n-octanol/water (log value): Not available.

Vapour pressure: Not available.

Density and/or relative density: Not available.

Relative vapour density: Not available.

Particle characteristics: Not available.

Other information:

Voltage 3.2V



长春实验室:(0431)80530198 吉林医学实验室:(0431)80529700

北京医学实验室:(010)62450233-8010 黑龙江医学实验室: (0451)58603455 青岛医学实验室:(0532)88706866 新疆实验室:(0991)6684186 天津实验室:(022)23607888 石家庄实验室:(0311)85376660

北京实验室:(010)83055000 哈尔滨实验室:(0451)58627755 内蒙古医学实验室:(0471)3591511 武汉实验室:(027)83997127 太原实验室:(0351)7555722 武汉医学实验室:(027)85446975 北京谱尼科技公司:(010)80415661 郑州实验室:(0371)69350670 成都实验室:(028)87702708 杭州实验室:(0571)87219096 青岛实验室:(0532)88706866 郑州清阳安学建全:(0371)63279066 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096 上海实验室:(021)64851999 宁波实验室:(0574)87977185 上海医学实验室:(021)64851999 合肥实验室:(0551)63843474 天津医学实验室:(022)23607888 西安实验室:(029)89608785 苏州实验室:(0512)62997900 深圳实验室:(0755)26050909 西安创尼实验室:(029)81123093 苏州汽车安全带及儿童安全座椅 深圳医学实验室:(0755)26050909 西安查德威克实验室:(029)62886819 碰撞实验室:(0512)62997900 广州实验室:(020)89224310 大连实验室:(0411)87336618 西安医学实验室:(029)89608785 苏州医学实验室:(0512)62997900 南宁实验室:(0771)5518818 武汉车附所: (027)82318175

厦门实验室:(0592)5568048





Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 7 of 11

1.8Ah 5.76Wh

Electric capacity **Electric Energy**

Section 10 - Stability and Reactivity

Reactivity: No data available. Chemical stability: Stable.

Possibility of hazardous reactions: No data available.

Conditions to Avoid: Flames, sparks, and other sources of ignition, incompatible materials.

Incompatible materials: Oxidizing agents, acid base.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, lithium oxide fumes.

Section 11 - Toxicological Information

Acute Toxicity:

CAS No.	LC50/LD50			
15365-14-7	No data available.			
24937-79-9	No data available.			
9000-11-7	No data available.			
9003-55-8	No data available.			
1333-86-4	No data available.			
9003-07-0	No data available.			
21324-40-3	No data available.			
616-38-6	No data available.			
623-53-0	No data available.			
96-49-1	D50 Rat (oral): 10g/kg			
7440-50-8	No data available.			
7429-90-5	No data available.			
7439-89-6	No data available.			

Skin corrosion/irritation: No data available.

Serious eye damage/irritation: No data available. Respiratory or Skin sensitization: No data available.

Germ Cell mutagenicity: No data available.



Pony Testing Group Shenzhen Co., Ltd. Address: 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yongho Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, Ch Phone: 0755-26050909

北京实验室:(010)83055000 北京医学实验室:(010)62450233-8010 北京谱尼科技公司:(010)80415661 青岛实验室:(0532)88706866 青岛医学实验室:(0532)88706866 天津实验室:(022)23607888 天津医学实验室:(022)23607888 长春实验室:(0431)80530198 吉林医学实验室:(0431)80529700 大连实验室:(0411)87336618 大连医学实验室:(0411)87336618

黑龙工医学实验室: (0451)58603455 郑州实验室:(0371)69350670 郑州谱记医学实验室:(0371)63279066 新疆实验室:(0991)6684186 石家庄实验室:(0311)85376660 西安实验室:(029)89608785 西安创尼实验室:(029)81123093 四安查德威克实验室:(029)62886819 西安医学实验室:(029)89608785 呼和浩特实验室:(0471)3450025

哈尔滨实验室: (0451)58627755 内蒙古医学实验室: (0471)3591511 武汉实验室: (027)83997127 太原实验室:(0351)7555722 武汉医学实验室:(027)85446975 成都实验室:(028)87702708 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096 上海实验室:(021)64851999 宁波实验室:(0574)87977185 上海医学实验室:(021)64851999 合肥实验室:(0551)63843474 苏州实验室:(0512)62997900 深圳实验室:(0755)26050909 苏州汽车安全带及儿童安全座椅 碰撞实验室: (0512)62997900 苏州医学实验室:(0512)62997900 武汉车附所: (027)82318175

杭州实验室:(0571)87219096 深圳医学实验室:(0755)26050909 广州实验室:(020)89224310 南宁实验室:(0771)5518818 厦门实验室:(0592)5568048





Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 8 of 11

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ toxicity-Single exposure: No data available. Specific target organ toxicity-Repeated exposure: No data available.

Aspiration hazard: No data available.

Information on the likely routes of exposure: No data available.

Eve: No data available. Skin: No data available.

Ingestion: No data available. Inhalation: No data available.

Section 12 - Ecological Information

Ecological Toxicity: No data available.

Persistence and degradability: No data available. Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other adverse effects: No data available.

Section 13 - Disposal Considerations

Disposal methods:

Recommendation:

Consult state, local or national regulations to ensure proper disposal.

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Section 14 - Transport Information

UN or ID Number

IATA UN3480 UN3480

Proper Shipping Name/Description

IATA Lithium ion batteries

IMDG LITHIUM ION BATTERIES

Class or Div. (Sub Hazard)



Address: 3/F. of Building 2. Building 1. Xinhaosheng Industrial Park. Yonghe Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, Ch Phone: 0755-26050909

北京实验室:(010)83055000 北京谱尼科技公司:(010)80415661 青岛实验室:(0532)88706866 青岛医学实验室:(0532)88706866 天津实验室:(022)23607888 天津医学实验室:(022)23607888 长春实验室:(0431)80530198 吉林医学实验室:(0431)80529700 大连实验室:(0411)87336618 大连医学实验室:(0411)87336618

哈尔滨实验室:(0451)58627755 西安实验室:(029)89608785 西安创尼实验室:(029)81123093 西安查德威克实验室:(029)62886819 呼和浩特实验室:(0471)3450025

内蒙古医学实验室: (0471)3591511 武汉实验室: (027)83997122 北京医学实验室:(010)62450233-8010 黑龙江医学实验室:(0451)58603455 太原实验室:(0351)7555722 武汉医学实验室:(027)85446975 郑州实验室:(0371)69350670 成都实验室:(028)87702708 郑州造团医学实验室:(0371)63279066 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096 新疆实验室:(0991)6684186 上海实验室:(021)64851999 石家庄实验室:(0311)85376660 上海医学实验室:(021)64851999 合肥实验室:(0551)63843474 苏州实验室:(0512)62997900 深圳实验室:(0755)26050909 苏州汽车安全带及儿童安全座椅 深圳医学实验室:(0755)26050909 碰撞实验室: (0512)62997900 广州实验室:(020)89224310 西安医学实验室:(029)89608785 苏州医学实验室:(0512)62997900 武汉车附所: (027)82318175

杭州实验室:(0571)87219096 宁波实验室:(0574)87977185 南宁实验室:(0771)5518818 厦门实验室:(0592)5568048



Pony Testing International Group





Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 9 of 11

IATA	9
IMDG	9
Packing Group	
IATA	N/A
IMDG	N/A
Hazard Label	
IATA	
IMDG	N/A
Environmental hazards	
Marine pollutant:	No
IMDG EmS:	F-A. S-I
Special precautions for user	No information available.

Transport information: The Lithium-ion cell JGCFR18650-1800mAh -3.2V has passed the test UN38.3, according to the report ID: MOI88AOJ57148721.

According to the Packing Instruction 965 section IB of IATA DGR 63rd Edition for transportation, Cargo aircraft only.

According to the special provision 188 of IMDG (40-20), the goods are not subject to other provision of this code.

Separate batteries to prevent short-circuiting, and they should be packed in strong package during transport. Lithium cell or battery should incorporate a safety venting device or be designed to prevent a violent rupture under normal transport conditions. Keep away from high temperature and open flames.

Note: State of Charge (SoC) not exceeding 30% of their rated capacity. (By air, Lithium ion batteries)

Transport Fashion: By air, by sea.

Section 15 - Regulatory Information

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



Pony Testing Group Shenzhen Co., Ltd. Address: 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, China Phone: 0755-26050909

北京医学实验室:(010)62450233-8010 北京谐尼科技公司:(010)80415661 青岛实验室:(0532)88706866 青岛医学实验室:(0532)88706866 天津实验室:(022)23607888 天津医学实验室:(022)23607888 长春实验室:(0431)80530198 吉林医学实验室:(0431)80529700 大连实验室:(0411)87336618 大连医学实验室:(0411)87336618

新疆实验室:(0991)6684186 石家庄实验室:(0311)85376660 西安实验室:(029)89608785 西安创尼实验室:(029)81123093 西安查德威克滨岭室:(029)62886819 西安医学实验室:(029)89608785 呼和浩特实验室:(0471)3450025

|北京实验室:(010)83055000 哈尔滨实验室:(0451)58627755 内蒙古医学实验室:(0471)3591511 武汉实验室:(027)83997127 黑龙江医学实验室: (0451)58603455 太原实验室: (0351)7555722 武汉医学实验室: (027)85446975 郑州实验室:(0371)69350670 成都实验室:(028)87702708 杭州实验室:(0571)87219096 为州谱·四医学实验室:(0371)63279066 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096 上海实验室:(021)64851999 宁波实验室:(0574)87977185 上海医学实验室:(021)64851999 合肥实验室:(0551)63843474 苏州实验室:(0512)62997900 深圳实验室:(0755)26050909 苏州汽车安全带及儿童安全座椅 深圳医学实验室:(0755)26050909 碰撞实验室: (0512)62997900 广州实验室:(020)89224310 苏州医学实验室:(0512)62997900 南宁实验室:(0771)5518818 武汉车附所: (027)82318175

厦门实验室:(0592)5568048







Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 10 of 11

CAS No.	TSCA	IECSC	DSL/NDSL	EINECS/ ELINCS/ NLP
15365-14-7	Listed	Listed	Listed DSL	Listed
24937-79-9	Listed	Listed	Listed DSL	Listed
9000-11-7	Listed	Listed	Listed DSL	Listed
9003-55-8	Listed	Listed	Listed DSL	Listed
1333-86-4	Listed	Listed	Listed DSL	Listed
9003-07-0	Listed	Listed	Listed DSL	Listed
21324-40-3	Listed	Listed	Listed DSL	Listed
616-38-6	Listed	Listed	Listed DSL	Listed
623-53-0	Listed	Listed	Listed DSL	Listed
96-49-1	Listed	Listed	Listed DSL	Listed
7440-50-8	Listed	Listed	Listed DSL	Listed
7429-90-5	Listed	Listed	ed Listed DSL Liste	
7439-89-6	Listed	Listed	Listed DSL Listed	

Section 16 - Other Information

Issue Date: 2022-01-04

Issue Department: Technical department

Modification record: Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

CAS: (Chemical Abstracts Service);

EC: (European Commission);

ACGIH: (American Conference of Governmental Industrial Hygienists);

NIOSH: (US National Institute for Occupational Safety and Health);

OSHA: (US Occupational Safety and Health);

TLV: (Threshold Limit Value)



Pony Testing Group Shenzhen Co., Ltd. Address; 3/F, of Building 2, Building 1, Xinhaosheng Industrial Park, Yongh Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, China Phone: 0755-26050909

北京实验室:(010)83055000 北京医学实验室:(010)62450233-8010 北京谱尼科技公司:(010)80415661 青岛实验室:(0532)88706866 青岛医学实验室:(0532)88706866 天津实验室:(022)23607888 天津医学实验室:(022)23607888 长春实验室:(0431)80530198 吉林医学实验室:(0431)80529700 大连实验室:(0411)87336618 大连医学实验室:(0411)87336618

新疆实验室:(0991)6684186 石家庄实验室:(0311)85376660 西安实验室:(029)89608785 西安创尼实验室:(029)81123093 西安查德威克实验室:(029)62886819 西安医学实验室:(029)89608785 呼和浩特实验室:(0471)3450025

哈尔滨实验室: (0451)58627755 内蒙古医学实验室 (0471)3591511 武汉实验室: (027)83997127 黑龙江医学实验室: (0451)58603455 太原实验室: (0351)7555722 武汉医学实验室: (027)85446975 郑州实验室:(0371)69350670 成都实验室:(028)87702708 杭州实验室:(0571)87219096 郑州খ司医学实验室:(0371)63279066 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096 上海实验室:(021)64851999 宁波实验室:(0574)87977185 上海医学实验室:(021)64851999 合肥实验室:(0551)63843474 苏州实验室:(0512)62997900 深圳实验室:(0755)26050909 苏州汽车安全带及儿童安全座椅 深圳医学实验室:(0755)26050909 碰撞实验室: (0512)62997900 苏州医学实验室:(0512)62997900 武汉车附所: (027)82318175

广州实验室:(020)89224310 南宁实验室:(0771)5518818 厦门实验室:(0592)5568048







Report No.: MPIP8M3L797547U3 Date: 2022-01-04 Page 11 of 11

TWA: (Time Weighted Average);

STEL: (Short Term Exposure Limit);

PEL: (Permissible Exposure Level);

REL: (Recommended Exposure Limit);

PC-STEL: (Permissible concentration-short time exposure limit);

PC-TWA: (Permissible concentration-time weighted average);

IARC: (International Agency for Research on Cancer);

LC50: (Lethal concentration, 50 percent kill);

LD50: (Lethal dose, 50 percent kill);

EC50: (Median effective concentration);

BCF: (Bioconcentration Factor);

BOD: (Biochemical oxygen demand);

IECSC: (Inventory of Existing Chemical Substances in China);

NOEC: (No observed effect concentration);

NTP: (US National Toxicology Program);

RTECS: (Registry of Toxic Effects of Chemical Substances);

TOC: (Total Organic Carbon);

TSCA: (Toxic Substances Control Act of USA);

DSL: (the Domestic Substances List of Canada);

NDSL: (the Non-domestic Substances List of Canada)

IATA: (International Air Transport Association);

IMDG: (International Maritime Dangerous Goods);

TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);

End of report

