



集团微信订阅号 集团微信服务号



Pony Testing International Group

Report No.: MPIRISFL797857U3

2022年1月1日生效

# MSDS Report

Sample Name & Model: Lithium-ion Rechargeable Cell GZNS18650-2000mAh

---

Applicant: Guangxi Zhuoneng New Energy Technology Co., Ltd.

---

Address: Area 1 Huangma Industrial Zone, Qinbei District, Qinzhou City Guangxi Zhuang Autonomous Region, China

---



No.: MPIRISFL797857U3  
Code: UDNob10



- |                         |                          |                         |                             |
|-------------------------|--------------------------|-------------------------|-----------------------------|
| 北京实验室: (010)83055000    | 武汉实验室: (027)85446975     | 新疆实验室: (0991)6684186    | 太原实验室: (0351)7555722        |
| 北京谱尼科技公司: (010)80415661 | 武汉车附所: (027)82318175     | 石家庄实验室: (0311)85376660  | 合肥实验室: (0551)63843474       |
| 上海实验室: (021)64851999    | 武汉医学实验室: (027)85446975   | 西安实验室: (029)89608785    | 广州实验室: (020)89224310        |
| 上海医学实验室: (021)37895599  | 吉林医学实验室: (0431)80529700  | 杭州实验室: (0571)87219096   | 厦门实验室: (0592)5568048        |
| 上海松江实验室: (021)37895599  | 长春实验室: (0431)80530198    | 杭州医学实验室: (0571)87219096 | 内蒙古医学实验室: (0471)3450025     |
| 青岛实验室: (0532)88706866   | 大连实验室: (0411)87336618    | 宁波实验室: (0574)87977185   | 呼和浩特实验室: (0471)3450025      |
| 青岛医学实验室: (0532)88706866 | 大连医学实验室: (0411)87336618  | 天津实验室: (022)23607888    | 贵州实验室: (0851)85221000       |
| 深圳实验室: (0755)26050909   | 哈尔滨实验室: (0451)58627755   | 天津医学实验室: (022)23607888  | 郑州实验室: (0371)69350670       |
| 深圳医学实验室: (0755)26050909 | 黑龙江医学实验室: (0451)58603455 | 成都实验室: (028)87702708    | 郑州协力润华医学实验室: (0371)63279066 |
|                         | 苏州医学实验室: (0512)62997900  | 南宁实验室: (0771)5518818    |                             |

©Hotline 400-819-5688

www.ponytest.com



声 明  
Statement

1. 本证明/报告的结论仅对委托方所送样品负责。  
The conclusion of the certificate/report is responsible for the provided sample only.
2. 委托方必须如实提供样品, 申报和声明资料, 并保证与实际相符, 否则由委托方承担由此导致的全部后果和责任。  
The applicant shall provide accurately and truly the description and statement of the sample, shall guarantee to match the sample and real situation which they provided and declared. Otherwise the application shall bear any relevant consequences and responsibility.
3. 如委托方提供的样品及相关资料存在虚假、伪造等情形, 所造成的全部后果和责任由委托方承担。  
In case the sample and documents provided involved in the situation of fake and forgery, any consequences and responsibility caused by this shall be undertaken by applicant.
4. 本证明/报告私自转让、盗用、冒用、涂改、未经本单位批准的复制(全文复制除外)或以其它任何形式的篡改均属无效, 本单位将对上述行为严究其相应的法律责任。  
The certificate/report is invalid in case of illegal transfer, embezzlement, imposture, modification or any altering, reproducing except in full, without approval of PONY. PONY shall investigate and affix the applicant's legal liability accordingly.
5. 本证明/报告不考虑国家及经营人差异。  
The certificate/report takes no account of the differences of countries and applicants.
6. 本单位有权在完成证明/报告后处理委托方所送样品。  
PONY has the right to dispose the provided sample after approval of the certificate/report.

▲ 防伪说明:

- (1) 报告编号是唯一的;
- (2) 报告采用特制防伪纸张印制, 纸张表面带有“PONY”防伪纹路, 该防伪纹路不支持复印, 即复制件不会带有“PONY”防伪纹路;
- (3) 报告采用的防伪纸张内部亦加带有高科技“PONY”防伪水印, 只有在验钞机等紫外线照射下方可显出无色荧光防伪字样。



全国服务热线  
400-819-5688

WWW.PONYTEST.COM



集团微信订阅号 集团微信服务号

北京实验室:(010)83055000  
北京医学实验室:(010)62450233转8010  
北京谱尼科技公司:(010)80415661  
上海实验室:(021)64851999  
上海医学实验室:(021)37895599  
上海松江实验室:(021)37895599  
青岛实验室:(0532)88706866  
青岛医学实验室:(0532)88706866  
深圳实验室:(0755)26050909  
深圳医学实验室:(0755)26050909

武汉实验室:(027)85446975  
武汉车附所:(027)82318175  
武汉医学实验室:(027)85446975  
吉林医学实验室:(0431)80529700  
长春实验室:(0431)80530198  
大连实验室:(0411)87336618  
大连医学实验室:(0411)87336618  
哈尔滨实验室:(0451)58627755  
黑龙江医学实验室:(0451)58603455  
苏州医学实验室:(0512)62997900

新疆实验室:(0991)6684186  
石家庄实验室:(0311)85376660  
西安实验室:(029)89608785  
杭州实验室:(0571)87219096  
杭州医学实验室:(0571)87219096  
宁波实验室:(0574)87977185  
天津实验室:(022)23607888  
天津医学实验室:(022)23607888  
成都实验室:(028)87702708  
南宁实验室:(0771)5518818

太原实验室:(0351)7555722  
合肥实验室:(0551)63843474  
广州实验室:(020)89224310  
厦门实验室:(0592)5568048  
内蒙古医学实验室:(0471)3450025  
呼和浩特实验室:(0471)3450025  
贵州实验室:(0851)85221000  
郑州实验室:(0371)69350670  
郑州协力润华医学实验室:  
(0371)63279066





Pony Testing International Group

Report No.: MP1RISFL797857U3 Date: 2021-12-14 Page 1 of 10

## 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 Rechargeable Cell

Sample Model: GZNS18650-2000mAh

Recommended Uses: N/A

Restrictions on Use: N/A

Supplier Name: Guangxi Zhuoneng New Energy Technology Co., Ltd.

Address: Area 1 Huangma Industrial Zone, Qinbei District, Qinzhou City Guangxi Zhuang Autonomous Region, China

Phone Number: +86-777-5812222

FAX: +86-777-5712222

E-mail: renzheng@szznp.com

Emergency Phone Number: +86-777-5812222

### 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



Pony Testing International Group

Hotline 400-819-5688

www.ponytest.com

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	内蒙古医学实验室: (0471)3591511	武汉实验室: (027)83997127
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
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	郑州潘巴医学实验室: (0371)63279066	贵州实验室: (0851)85221000	杭州医学实验室: (0571)87219096
青岛医学实验室: (0532)88706866	新疆实验室: (0991)6684186	上海实验室: (021)64851999	宁波实验室: (0574)87977185
天津实验室: (022)23607888	石家庄实验室: (0311)85376660	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
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
吉林医学实验室: (0431)80529700	西安德威克实验室: (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
大连医学实验室: (0411)87336618	呼和浩特实验室: (0471)3450025	武汉车附所: (027)82318175	厦门实验室: (0592)5568048





集团微信订阅号 集团微信服务号



Report No.: MPIRISFL797857U3 Date: 2021-12-14 Page 2 of 10

Pony Testing International Group

H335 May cause respiratory irritation

**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 (%)
Lithium Manganese Nickel And Cobalt	---	---	30

**PONY 谱尼测试**  
Pony Testing International Group  
©Hotline 400-819-5688 www.ponytest.com

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 内蒙古医学实验室:(0471)3591511 武汉实验室:(027)83997127  
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  
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 郑州瀚阳医学实验室:(0371)63279066 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096  
青岛医学实验室:(0532)88706866 新疆实验室:(0991)6684186 上海实验室:(021)64851999 宁波实验室:(0574)87977185  
天津实验室:(022)23607888 石家庄实验室:(0311)85376660 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  
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 碰撞实验室:(0512)62997900 深圳医学实验室:(0755)26050909  
吉林医学实验室:(0431)80529700 西安布德威克实验室:(029)62886819 西安医学实验室:(029)89608785 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  
大连医学实验室:(0411)87336618 呼和浩特实验室:(0471)3450025 武汉车附所:(027)82318175 厦门实验室:(0592)5568048





Graphite	7782-42-5	231-955-3	20
Phosphate(1-), hexafluoro-, lithium	21324-40-3	244-334-7	12
Copper	7440-50-8	231-159-6	5
Aluminium	7429-90-5	231-072-3	9
Polyvinylidene fluoride resin	24937-79-9	607-458-6	3
Sodium carboxy methyl cellulose	9004-32-4	618-378-6	2
Other	---	---	19

## 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

### Suitable extinguishing media:

Small Fire: Dry chemical, CO<sub>2</sub>, 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.





Pony Testing International Group

**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 handling 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.

## 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





Pony Testing International Group

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
7782-42-5	TLV-TWA 2mg/m <sup>3</sup>	REL-TWA 2.5mg/m <sup>3</sup>	PEL-TWA 15mppcf PEL-TWA 20mppcf
21324-40-3	N/A	N/A	N/A
7440-50-8	TLV-TWA 0.2mg/m <sup>3</sup> TLV-TWA 1mg/m <sup>3</sup>	REL-TWA 1mg/m <sup>3</sup> REL-TWA 0.1mg/m <sup>3</sup>	PEL-TWA 0.1mg/m <sup>3</sup> PEL-TWA 1mg/m <sup>3</sup>
7429-90-5	TLV-TWA 1mg/m <sup>3</sup>	REL-TWA 2mg/m <sup>3</sup> REL-TWA 5mg/m <sup>3</sup> REL-TWA 10mg/m <sup>3</sup>	PEL-TWA 5mg/m <sup>3</sup> PEL-TWA 15mg/m <sup>3</sup>
24937-79-9	N/A	N/A	N/A
9004-32-4	N/A	N/A	N/A

**Appropriate engineering controls:**

The usual precautionary measures for handling chemicals should be followed.

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:**

**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





Pony Testing International Group

Report No.: MPIRISFL797857U3 Date: 2021-12-14 Page 6 of 10

## Information on basic physical and chemical properties

Colour:	Purple.
Physical State:	Cylindrical.
Odour:	Not available.
pH:	Not available.
Melting point/freezing point:	Not available.
Boiling point or initial boiling point and boiling range:	Not available.
Flash Point:	Not available.
Flammability:	Not available.
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	3.7V
Electric capacity	2000mAh
Electric Energy	7.4Wh

## 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

**PONY** 谱尼测试  
Pony Testing International Group

Hotline 400-819-5688 www.ponytest.com

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	内蒙古医学实验室:(0471)3591511	武汉实验室:(027)83997127
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
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	郑州谱尼医学实验室:(0371)63279066	贵州实验室:(0851)85221000	杭州医学实验室:(0571)87219096
青岛医学实验室:(0532)88706866	新疆实验室:(0991)6684186	上海实验室:(021)64851999	宁波实验室:(0574)87977185
天津实验室:(022)23607888	石家庄实验室:(0311)85376660	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
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
吉林医学实验室:(0431)80529700	西安德成实验室:(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
大连医学实验室:(0411)87336618	呼和浩特实验室:(0471)3450025	武汉车附所:(027)82318175	厦门实验室:(0592)5568048





集团微信订阅号 集团微信服务号



Report No.: MPIRISFL797857U3 Date: 2021-12-14 Page 7 of 10

Pony Testing International Group

#### Acute Toxicity:

CAS No.	LC50/LD50
7782-42-5	No data available.
21324-40-3	No data available.
7440-50-8	No data available.
7429-90-5	No data available.
24937-79-9	No data available.
9004-32-4	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.

**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.

**Eye:** 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:**

**PONY 谱尼测试**  
Pony Testing International Group

Hotline 400-819-5688 www.ponytest.com

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 内蒙古医学实验室:(0471)3591511 武汉实验室:(027)83997127  
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  
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 郑州谱尼医学实验室:(0371)63279066 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096  
青岛医学实验室:(0532)88706866 新疆实验室:(0991)6684186 上海实验室:(021)64851999 宁波实验室:(0574)87977185  
天津实验室:(022)23607888 石家庄实验室:(0311)85376660 西安实验室:(029)81123093 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 西安创尼实验室:(029)81123093 苏州实验室:(0512)62997900 深圳医学实验室:(0755)26050909  
长春实验室:(0431)80530198 西安德威克实验室:(029)62886819 碰撞实验室:(0512)62997900 广州实验室:(020)89224310  
吉林医学实验室:(0431)80529700 西安医学实验室:(029)89608785 苏州医学实验室:(0512)62997900 深圳医学实验室:(0755)26050909  
大连实验室:(0411)87336618 大连医学实验室:(0411)87336618 呼和浩特实验室:(0471)3450025 武汉车附所:(027)82318175 厦门实验室:(0592)5568048






Pony Testing International Group

**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

<b>UN or ID Number</b>	
IATA	UN3480
IMDG	UN3480
<b>Proper Shipping Name/Description</b>	
IATA	Lithium ion batteries
IMDG	LITHIUM ION BATTERIES
<b>Class or Div. (Sub Hazard)</b>	
IATA	9
<b>Packing Group</b>	
IATA	N/A
IMDG	N/A
<b>Hazard Label</b>	
IATA	
IMDG	N/A
<b>Environmental hazards</b>	
<b>Marine pollutant:</b>	No
<b>IMDG EmS:</b>	F-A. S-I
<b>Special precautions for user</b>	No information available.

**Transport information:** The Lithium-ion Rechargeable Cell GZNS18650-2000mAh has passed the test UN38.3, according to the report ID: MPITZZ2C48451721.

According to the Packing Instruction 965 section IB of IATA DGR 63<sup>rd</sup> 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.





集团微信订阅号 集团微信服务号



Report No.: MPIRISFL797857U3 Date: 2021-12-14 Page 9 of 10

Pony Testing International Group

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

CAS No.	TSCA	IECSC	DSL/NDSL	EINECS/ ELINCS/ NLP
7782-42-5	Listed	Listed	Listed DSL	Listed
21324-40-3	Listed	Listed	Listed DSL	Listed
7440-50-8	Listed	Listed	Listed DSL	Listed
7429-90-5	Listed	Listed	Listed DSL	Listed
24937-79-9	Listed	Listed	Listed DSL	Listed
9004-32-4	Listed	Listed	Listed DSL	Listed

## Section 16 - Other Information

Issue Date: 2021-12-14

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:

**PONY 谱尼测试**  
Pony Testing International Group  
©Hotline 400-819-5688 www.ponytest.com

Pony Testing Group Shenzhen Co., Ltd.  
Address: 3/F of Building 2, Building 1, Xinhaosheng Industrial Park, Yonglie 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 内蒙古医学实验室:(0471)3591511 武汉实验室:(027)83997127  
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  
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 郑州谱尼医学实验室:(0371)63279066 贵州实验室:(0851)85221000 杭州医学实验室:(0571)87219096  
青岛医学实验室:(0532)88706866 新疆实验室:(0991)6684186 上海实验室:(021)64851999 宁波实验室:(0574)87977185  
天津实验室:(022)23607888 石家庄实验室:(0311)85376660 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  
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  
吉林医学实验室:(0431)80529700 西安谱尼威克实验室:(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  
大连医学实验室:(0411)87336618 呼和浩特实验室:(0471)3450025 武汉车附所:(027)82318175 厦门实验室:(0592)5568048





## Pony Testing International Group

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)  
 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\*\*\*