

SDS Report

No. SHAEC2014169201

Date: Aug. 6, 2020

Page 1 of 1

HEFEI GOTION HIGH-TECH POWER ENERGY CO.,Ltd
No.599, Daihe Road, Xinzhan District, Hefei City

SGS Ref. No. : SP20-023271-SH
Sample Name : Lithium ion rechargeable cell
End Uses : Electric vehicle, Lithium-ion batteries for storage energy
Composition/Ingredient of sample (as per client submission) : See *Section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Jul 24, 2020
Last Information Date : Aug 05, 2020
SDS Preparation Period : Jul 24 – Aug 06, 2020

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.

Remark:

This sample is likely to be classified as article with substances not intended to be released and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Cathy Cai
Approved Signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center - Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020





Version number 1

Revision: 27.07.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** *Lithium ion rechargeable cell*
- **Article number:** *IFP28148115A-52Ah*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:** *Electric vehicle, Lithium-ion batteries for storage energy*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
HEFEI GOTION HIGH-TECH POWER ENERGY CO.,Ltd
No.599, Daihe Road, Xinzhan District, Hefei City
Tel:+86 18269776550
E-mail:lipingping@gotion.com.cn
- **Only Representative/ other EU contact point:** *Not available*
- **Further information obtainable from:** *HEFEI GOTION HIGH-TECH POWER ENERGY CO.,Ltd*
- **1.4 Emergency telephone number:**
Li Pingping
Tel:18269776550
- GERMANY*
Poison Center Berlin - Institute of Toxicology
Tel: +49 030 192 40
- **1.5 Reference Number:** *SP20-023271-SH; SHAEC2014169201*
- **1.6 Remark:**
This sample is likely to be classified as article and is out of scope of a SDS as set out in Regulation (EC) No.1907/2006. This SDS is generated for client's reference only.

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
-  **GHS02 flame**
Flam. Sol. 1 H228 Flammable solid.
-  **GHS08 health hazard**
STOT RE 2 H373 May cause damage to the bone tissue and the teeth through prolonged or repeated exposure.
-  **GHS05 corrosion**
Eye Dam. 1 H318 Causes serious eye damage.
-  **GHS07**
Skin Irrit. 2 H315 Causes skin irritation.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.

(Contd. on page 2)

Safety data sheet

Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: Lithium ion rechargeable cell

(Contd. of page 1)

- **Classification system:**

The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**



GHS02 GHS05 GHS08

- **Signal word** Danger

- **Hazard-determining components of labelling:**

Lithium hexafluorophosphate(1-)

- **Hazard statements**

H228 Flammable solid.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H373 May cause damage to the bone tissue and the teeth through prolonged or repeated exposure.

- **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

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

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Description:**

Mixture of the substances listed below with nonhazardous additions.

For the wording of the listed hazard statements refer to Section 16.

- **Composition:**

CAS: 15365-14-7	lithium iron phosphate	37.4-38.6%
CAS: 7782-42-5 EINECS: 231-955-3	Graphite substance with a Community workplace exposure limit	19.1-20.3%
CAS: 623-53-0	ethyl methyl carbonate ⚠ Flam. Liq. 2, H225	9.6-10.8%
CAS: 96-49-1 EINECS: 202-510-0	ethylene carbonate ⚠ Eye Irrit. 2, H319	6.0-7.2%
CAS: 7440-50-8 EINECS: 231-159-6	copper substance with a Community workplace exposure limit	5.8-6.4%

(Contd. on page 3)

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: Lithium ion rechargeable cell

(Contd. of page 2)

CAS: 7429-90-5 EINECS: 231-072-3	Aluminum substance with a Community workplace exposure limit	3.3-4.0%
CAS: 21324-40-3 EINECS: 244-334-7	Lithium hexafluorophosphate(1-) Acute Tox. 3, H301; STOT RE 1, H372; Skin Corr. 1A, H314	2.3-3.5%
CAS: 9002-88-4	polyethylene	2.1-3.5%
CAS: 25038-59-9	polyethylene terephthalate	1.2-2.4%
CAS: 108-32-7 EINECS: 203-572-1 Index number: 607-194-00-1	propylene carbonate Eye Irrit. 2, H319	0.9-1.5%
CAS: 63394-02-5	Polydimethylsiloxane rubber	0.6-1.0%
CAS: 1333-86-4 EINECS: 215-609-9	carbon black substance with a Community workplace exposure limit	0.65-0.95%

SECTION 4: First aid measures· **4.1 Description of first aid measures**· **General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

Move to fresh air environment, if breathing is difficult, give oxygen, call a physician

· **After skin contact:**

Wash with soapy water, if chemical burns or irritation persists, a physician should be consulted.

· **After eye contact:** Flush with copious amounts of water for 15 minutes and see physician at once· **After swallowing:** See physician at once· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

First aid and protection measures above apply to materials from a ruptured or otherwise damaged cell

SECTION 5: Firefighting measures· **5.1 Extinguishing media**· **Suitable extinguishing agents:**

CO₂ powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **5.2 Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

· **5.3 Advice for firefighters**· **Protective equipment:**

Mouth respiratory protective device.

Wear fully protective suit.

SECTION 6: Accidental release measures· **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes.

Avoid contact with skin.

Avoid formation of dust.

(Contd. on page 4)

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: Lithium ion rechargeable cell

(Contd. of page 3)

- Keep away from ignition sources.*
- Ensure adequate ventilation.*
- Use respiratory protective device against the effects of fumes/dust/aerosol.*
- Mouth respiratory protective device.*
- Wear protective equipment. Keep unprotected persons away.*
- **6.2 Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*
- **6.3 Methods and material for containment and cleaning up:**
 - Use neutralising agent.*
 - Pick up mechanically.*
 - Dispose contaminated material as waste according to item 13.*
 - Ensure adequate ventilation.*
- **6.4 Reference to other sections**
 - 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

- **7.1 Precautions for safe handling**
 - Avoid contact with eyes and skin.*
 - Prevent formation of dust.*
 - Open and handle receptacle with care.*
 - Keep receptacles tightly sealed.*
 - Keep away from heat and direct sunlight.*
 - Prevent short cut and movement which could lead to short circuits.*
 - Thorough dedusting.*
 - Ensure good ventilation/exhaustion at the workplace.*
 - For the general occupational hygienic measures refer to Section 8.*
- **Information about fire - and explosion protection:**
 - Keep ignition sources away - Do not smoke.*
 - Keep respiratory protective device available.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**
 - Store only in the original receptacle.*
 - Store in a cool location.*
 - Protect from humidity and water.*
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.*
 - Do not store together with oxidising and acidic materials.*
 - Keep away from ignition sources.*
 - Protect from humidity and water .*
- **Further information about storage conditions:**
 - Keep container tightly sealed.*
 - Store in cool, dry conditions in well sealed receptacles.*
- **7.3 Specific end use(s)** *No further relevant information available.*

EU

(Contd. on page 5)

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: Lithium ion rechargeable cell

(Contd. of page 4)

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

7782-42-5 Graphite (19.1-20.3%)	
AGW (Germany)	Long-term value: 1.25* 10** mg/m ³ 2(II); *alveolengängig**einatembar; AGS, DFG
VLEP (France)	Long-term value: 2 mg/m ³ pour la fraction alvéolaire
7440-50-8 copper (5.8-6.4%)	
MAK (Germany)	Long-term value: 0.01 A mg/m ³ als Cu
VLEP (France)	Short-term value: 2** mg/m ³ Long-term value: 0.2* 1** mg/m ³ *fumées **poussières, en Cu
7429-90-5 Aluminum (3.3-4.0%)	
AGW (Germany)	Long-term value: 1.25* 10** mg/m ³ 2(II); *alveolengängig**einatembar; AGS, DFG
VLEP (France)	Long-term value: 5* 10** mg/m ³ *pulvérulent **métal
21324-40-3 Lithium hexafluorophosphate(1-) (2.3-3.5%)	
AGW (Germany)	Long-term value: 0.2 E mg/m ³ 1(I); Y, 10, DFG, als Li
108-32-7 propylene carbonate (0.9-1.5%)	
AGW (Germany)	Long-term value: 8.5 mg/m ³ , 2 ppm 1(I); DFG, Y, 11
1333-86-4 carbon black (0.65-0.95%)	
VLEP (France)	Long-term value: 3.5 mg/m ³

· Regulatory information

AGW (Germany): TRGS 900

VLEP (France): ED 984, 10.2016

MAK (Germany): MAK- und BAT-Liste

· DNELs: Data not available.

· PNECs: Data not available.

· Ingredients with biological limit values:

7429-90-5 Aluminum	
BGW (Germany)	50 µg/g Kreatinin Untersuchungsmaterial: Urin Probennahmezeitpunkt: bei Langzeitexposition: am Schichtende nach mehreren vorangegangenen Schichten Parameter: Aluminium

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**

· Appropriate engineering controls

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

(Contd. on page 6)

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: Lithium ion rechargeable cell

(Contd. of page 5)

See Section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Solid

Colour: Silver

· **Odour:** Odorless

· **Odour threshold:** Data not available.

· **pH-value:** Data not available.

· **Change in condition:**

Melting point/freezing point: Data not available.

Initial boiling point and boiling range: Data not available.

· **Flash point:** Data not available.

· **Flammability (solid, gas):** Data not available.

· **Auto-ignition temperature:** Data not available.

· **Decomposition temperature:** Data not available.

· **Self-igniting:** Data not available.

· **Explosive properties:** Data not available.

(Contd. on page 7)

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: Lithium ion rechargeable cell

(Contd. of page 6)

- | | |
|--|--|
| · Explosion limits | |
| Lower: | Data not available. |
| Upper: | Data not available. |
| · Oxidizing properties: | Data not available. |
| · Vapour pressure: | Data not available. |
| · Density: | Data not available. |
| · Relative density: | Data not available. |
| · Vapour density: | Data not available. |
| · Evaporation rate: | Data not available. |
| · Solubility in / Miscibility with water: | Insoluble. |
| · Partition coefficient: n-octanol/water: | Data not available. |
| · Viscosity: | |
| Dynamic: | Data not available. |
| Kinematic: | Data not available. |
| · 9.2 Other information | No further relevant information available. |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No decomposition if used according to specifications.
- **10.2 Chemical stability** Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions** Leakage, fire, explosion
- **10.4 Conditions to avoid**
Overheating, exposed to damp air or water, mechanical vibration and power abuse.
- **10.5 Incompatible materials:** Strong oxidant
- **10.6 Hazardous decomposition products:** Carbon Monoxide (CO) and other VOC's

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

623-53-0 ethyl methyl carbonate

Oral	LD50	>2,000 mg/kg (rat)
------	------	--------------------

96-49-1 ethylene carbonate

Oral	LD50	10,000 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rabbit)

9002-88-4 polyethylene

Oral	LD50	>2,000 mg/kg (rat)
------	------	--------------------

25038-59-9 polyethylene terephthalate

Oral	LD50	>5,000 mg/kg (rat)
------	------	--------------------

108-32-7 propylene carbonate

Oral	LD50	29,000 mg/kg (rat)
------	------	--------------------

1333-86-4 carbon black

Oral	LD50	15,400 mg/kg (rat)
------	------	--------------------

(Contd. on page 8)

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: Lithium ion rechargeable cell

(Contd. of page 7)

Dermal	LD50	3,000 mg/kg (rabbit)
--------	------	----------------------

- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure**
May cause damage to the bone tissue and the teeth through prolonged or repeated exposure.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|---------------------------------------|-----------------------|
| · 14.1 UN-Number | |
| · ADR/RID/ADN, IMDG, IATA | UN3480 |
| · 14.2 UN proper shipping name | |
| · ADR/RID/ADN, IMDG, IATA | LITHIUM ION BATTERIES |

(Contd. on page 9)

EU

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: Lithium ion rechargeable cell

(Contd. of page 8)

· 14.3 Transport hazard class(es)

· ADR/RID/ADN, IMDG, IATA



· Class 9 Miscellaneous dangerous substances and articles.
· Label 9A

· 14.4 Packing group

· ADR/RID/ADN, IMDG, IATA -

· 14.5 Environmental hazards Not applicable.

· 14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.

· Hazard identification number (Kemler code): -

· EMS Number: F-A,S-I

· Stowage Category A

· Stowage Code SW19 For batteries transported in accordance with SP 376 or SP 377 Category C, unless transported on a short international voyage.

· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

· 14.8 Transport/Additional information:

· ADR/RID/ADN

· Limited quantities (LQ): 0

· Excepted quantities (EQ) Code: E0

Not permitted as Excepted Quantity

· Transport category: 2

· Tunnel restriction code: E

· IMDG

· Limited quantities (LQ) 0

· Excepted quantities (EQ) Code: E0

Not permitted as Excepted Quantity

· UN "Model Regulation":

UN 3480 LITHIUM ION BATTERIES

SECTION 15: Regulatory information

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

· MAK(German Maximum Workplace Concentration)

1333-86-4 carbon black

3B

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· National regulations:

· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· Other regulations, limitations and prohibitive regulations

· SVHC Candidate List of REACH Regulation Annex XIV Authorisation (25/6/2020)

None of the ingredients is listed.

(Contd. on page 10)

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: Lithium ion rechargeable cell

(Contd. of page 9)

· **REACH Regulation Annex XVII Restriction (20/6/2019)**
 See Section 16 for information about restriction of use.

None of the ingredients is listed.

· **REACH Regulation Annex XIV Authorisation List (06/2/2020)**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

· **Relevant hazard statements**

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H372 Causes damage to the bone tissue and the teeth through prolonged or repeated exposure.

· **Classification according to Regulation (EC) No 1272/2008**

Flammable solids

Bridging principles

Skin corrosion/irritation

Serious eye damage/eye irritation

Specific target organ toxicity (repeated exposure)

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

 The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY :

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Remark**

This sample is likely to be classified as article and is out of scope of a SDS as set out in Regulation (EC) No.1907/2006. This SDS is generated for client's reference only.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Sol. 1: Flammable solids – Category 1

Acute Tox. 3: Acute toxicity - oral – Category 3

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

(Contd. on page 11)

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008

Printing date 06.08.2020

Version number 1

Revision: 27.07.2020

Trade name: *Lithium ion rechargeable cell*

(Contd. of page 10)

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

. *****

End of document