



Material Safety Data Sheet

Report No.:XNO260302099AX2-1

Date:02-Mar-2026

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MSDS

Samples Name: Rechargeable Li-ion Battery System

Client Name: Jiangmen Jeeseng Energy Co., Ltd.

Client Address: 3rd and 4th floors, Building 2, No. 93 Jiangwan Road, Huicheng, Xinhui District, Jiangmen City

Authorized signature

Fox Rong

Technical supervisor

Approved Signatory

Guangzhou Supreme Technology & Testing Service Co., Ltd.

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Section 1 - Chemical Product and Company Identification

Product Name: Rechargeable Li-ion Battery System

Model No.: JEEDD-153100

Brand: N/A

Client Name: Jiangmen Jeeseeng Energy Co., Ltd.

Client Address: 3rd and 4th floors, Building 2, No. 93 Jiangwan Road, Huicheng, Xinhui District, Jiangmen City

Manufacturer: Jiangmen Jeeseeng Energy Co., Ltd.

Manufactured Address: 3rd and 4th floors, Building 2, No. 93 Jiangwan Road, Huicheng, Xinhui District,
Jiangmen City

Importer name: LJW AUSTRALIA PTY LTD

Address: Level 1/268 Canterbury Rd, Surrey Hills VIC 3127

Phone: 0405 891 032

Email: ljwaustralia@gmail.com

Website: <https://www.au-hestia.com>

Fax: /

Post Code: /

Section 2 - Hazards Identification

Hazards Classification

In accordance with Regulation (EC) No. 1272/2008, the sample is divided into dangerous article.

Physical hazard: Aspiration hazard

Health hazard: Skin/Eye irritation, Sensitisation

Environment hazard: Hazardous to the aquatic environment, long-term hazard

Label elements

Hazard pictograms:



Signal word: Danger

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Hazard statements:

- H228 Inflammable solid
- H250 Catches fire spontaneously if exposed to air
- H261 In contact with water releases flammable gas
- H301 Toxic if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation
- H319 Causes serious eye irritation.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H335 May cause respiratory irritation.
- H410 Very toxic to aquatic life with long lasting effects
- H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements-Prevention:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P222 Do not allow contact with air.
- P231 Handle under inert gas.
- P231 + P232 Handle under inert gas. Protect from moisture.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P314 Get medical advice/attention if you feel unwell.
- P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302 + P352 IF ON SKIN: wash with plenty of soap and water.
- P304 + P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.
- P304 + P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
- P370+P378 In case of fire: Use foam, dry powder, carbon dioxide, sandy soil extinguish.
- P310 Immediately call a POISON CENTER/doctor.
- P321 Specific treatment (see supplemental first aid instructions on this label).
- P363 Wash contaminated clothing before reuse.
- P405 Store locked up.
- P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/ container to an approved waste disposal plant.

Supplemental hazard: No data available.

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Section 3 –Composition/Information on Ingredient

Composition:

Chemical Name	CAS No.	Content (%)
Lithium iron phosphate (LiFePO ₄)	15365-14-7	20-40
Lithium hexafluorophosphate	21324-40-3	10-20
Aluminum	7429-90-5	10-20
Graphite	7782-42-5	10-20
Copper	7440-50-8	7-13
Poly(vinyl chloride)	9002-86-2	1-5

Section 4 - First Aid Measures

Skin contact: Take off contaminated clothing and shoes immediately. Remove contaminated clothing and rinse skin thoroughly with soapy and clean water. Seek medical attention if allergic. First treatment with calcium gluconate paste.

Eyes contact: Immediately lift eyelids and rinse thoroughly with plenty of running water or saline for at least 15 minutes. Seek medical attention if allergic.

Inhalation: Leave the contaminated area immediately, take a deep breath of fresh air. Administer oxygen if breathing is difficult. If breathing stops, give artificial respiration immediately and seek medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 - Fire Fighting Measures

1) Extinguishing media

- Extinguish fire with water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Avoid using direct running water to extinguish the fire, which may cause splashing of flammable liquid and spread the fire.

2) Special hazards arising from the substance or mixture

- No available data.

3) Advice for firefighters

- Fire fighters shall wear gas masks and full-body fire suits to extinguish fires in the upwind direction. In case of fire, fire personnel must operate in a protected shelter. If possible, move the container from the fire to an open area. Prevent objects from being splashed and causing burns.

4) Further information

- No available data.

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Section 6 –Accidental Release Measures

Emergency treatment:

1) Personal precautions, protective equipment and emergency procedures

Isolate the contaminated area of leakage and restrict access. It is recommended that emergency personnel wear gas mask and special protective clothing. Do not contact spills directly. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations.

2) Environmental precautions

- Contain leaks to avoid polluting the environment if safe to do so. Do not let product flow into sewers, flood drains and other restricted Spaces. Discharge into the environment must be avoided.

3) Methods and materials for containment and cleaning up

- Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Handling: Operate in a closed system and ensure good ventilation. Operators must undergo specialized training and strictly abide by operating procedures. It is recommended that operators wear self-priming filtering gas masks (half masks), chemical safety goggles, anti-toxic penetration work clothes and rubber oil-resistant gloves. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Keep away from fire and heat sources. Smoking is strictly prohibited in the workplace. Use explosion-proof ventilation systems and equipment. Prevent steam from leaking into the workplace air. Avoid contact with oxidants and acids. When handling, load and unload gently to prevent damage to the packaging and containers. Be equipped with corresponding types and quantities of fire-fighting equipment and leakage emergency handling devices. Take measures to prevent the build up of electrostatic charge. Provide appropriate exhaust ventilation at places where dust is formed.

Storage: Keep the container sealed and store it in a dry, well-ventilated warehouse. Handle and store under inert gas. Hydrolyses readily. Air and moisture sensitive. Keep in a dry place. Do not store in glass. Store separately from oxidants and acids. The storage area should be equipped with leak emergency treatment equipment and suitable containment materials.

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Section 8 - Exposure Controls, Personal Protection

Control measures

- Handle in accordance with good industrial hygiene and safety practice.

Individual protection measures

- Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK(EN 14387) respirator cartridges as a backup to engineering controls.if the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH(US) or CEN(EU).

- Eye /face protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

- Skin and body protection: Handle with gloves. Gloves must be inspected prior to use.Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Impervious clothing, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Environmental exposure controls

- Control measures refer to national and local regulations.

Section 9 - Physical and Chemical Properties

Appearance: Cuboid

Color: White

Odour: When it leaks, there is an odor of ether

Flashpoint: Not applicable unless individual components exposed.

Ignition temperature: Not applicable unless individual components exposed.

Solubility:Not applicable unless individual components exposed.

Section 10 - Stability and Reactivity

Stability: Stable under normal temperatures and pressures.

Distribution of Ban: Oxidizing agents

Conditions to Avoid: Heat and open flame, short circuit, and water.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: CO, CO₂, HF, phosphorus fluoride.

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Section 11 - Toxicological Information

Signs & symptoms: None, unless battery ruptures.

In the event of exposure to internal contents, vapour fumes may be very irritating to the eyes and skin.

Inhalation: Lung irritant.

Skin contact: Skin irritant.

Eye contact: Eye irritant

Ingestion: Poisoning if swallowed.

Medical conditions generally aggravated by exposure: In the event of exposure to internal contents, moderate to severe irritation, burning and dryness of the skin may occur, Target Organs nerves, liver and kidneys.

Section 12 - Ecological Information

Eco-toxicity: No available data.

Biodegradable: No available data.

Non-biodegradable: No available data.

Bioconcentration or biological accumulation: Slowly Bio-degradable.

Other harmful effects: No available data.

Section 13 - Disposal Considerations

Waste disposal methods: Recycling should be in accordance with the applicable Regional & National regulations which may vary from country to country.

Attention abandoned: Do NOT dispose of batteries as normal waste. Do NOT incinerate, burn or place into a fire. Do NOT pierce, dissect or crush.

Section 14 - Transport Information

Number of dangerous goods: /

UN Number: /

Packaging Mark: /

Packaging Method: /

Transport fashion: No data available.

Transport Attentions:Please select the appropriate means of transportation and storage conditions according to the nature of the chemical. The means of transport shall be equipped with the corresponding varieties and quantities of fire fighting materials and leakage emergency treatment equipment. If you choose road transport, please follow the prescribed route.

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Section 15 - Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

《Dangerous Goods Regulations》

《Recommendation on the Transport of Dangerous Goods Model Regulations》

《International Maritime Dangerous Goods》

《Technical Instructions for the Safe Transport of Dangerous Goods》

《Classification and code of dangerous Goods》

《Occupational Safety and Health Act》 (OSHA)

《Toxic Substance Control Act》 (TSCA)

《Consumer Product Safety Act》 (CPSA)

《Federal Environmental Pollution Control Act》 (FEPCA)

《The Oil Pollution Act》 (OPA)

《Superfund Amendments and Reauthorization Act Title III (302/311/312/313)》 (SARA)

《Resource Conservation and Recovery Act》 (RCRA)

《Safety Drinking Water Act》 (CWA)

《California Proposition 65》

《Code of Federal Regulations》 (CFR)

In according with all Federal, State and local laws.

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Section 16 - Additional Information

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Declaration: Report XNO251010006AX2-1 was repealed and replaced by Report XNO260302099AX2-1.
(Add importer information on 02-Mar-2026.).

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