

Storage battery (without acid)

SAFETY DATA SHEET

SDS

SICHUAN LIYANG INDUSTRY CO., LTD.


according to GHS(sixth revised edition)

Section 1 - Product and Company Identification

Product name	Storage battery (without acid)
Inspection model	12N5-3B
Applicant name	SICHUAN LIYANG INDUSTRY CO., LTD.
Application address	YANHUASI INDUSTRY ZONE, ANJU DIST, SUINING CITY, SICHUAN, P.R CHINA
Applicant post code	400054
Applicant fax	+86-23-62571745
Applicant emergency number	+86-23-62571745
Applicant email	denelbattery228@126.com
Manufacturer name	CHONGQING LIYANG INDUSTRY CO., LTD.
Manufacturer address	Industry Area B, Huaxi Industry Park, Banan Dist., Chongqing
Manufacturer post code	400054
Manufacturer fax	+86-23-62571745
Manufacturer emergency number	+86-23-62571745
SDS number	DG1608278E
Effective date	Jun 13, 2016

Section 2 –Hazards Identification

Hazard class and label elements of the substance according to GHS(the sixth revised edition):

GHS hazard class		
Health hazard(s)	Acute toxicity, oral	category4
	Germ cell mutagenicity	category2
	Carcinogenicity	category2
	Reproductive toxicity	category1
	Specific target organ toxicity, repeated exposure	category1
Environmental hazard(s)	Hazardous to the aquatic environment, acute hazard	category1
	Hazardous to the aquatic environment, long-term hazard	category1
Pictogram		
Signal	Danger	

Hazard statement(s)

H302 Harmful if swallowed
 H341 Suspected of causing genetic defects
 H351 Suspected of causing cancer
 H360 May damage fertility or the unborn child
 H372 Causes damage to organs through prolonged or repeated exposure
 H400 Very toxic to aquatic life
 H410 Very toxic to aquatic life with long lasting effects

Precautionary statements**Prevention**

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P264 Wash 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.

Response

P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor/if you feel unwell.
 P308+P313 IF exposed or concerned: Get medical advice/ attention.
 P314 Get medical advice/attention if you feel unwell.
 P330 Rinse mouth.
 P391 Collect spillage.

Storage

P405 Store locked up.

Disposal

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

Section 3 – Composition/Information on Ingredients

Component	Concentration(%)	CAS No.	EC No.
Lead	80-85	7439-92-1	231-100-4
Sulan	10-12	9003-07-0	—
Fiberglass	2-4	65997-17-3	266-046-0

Section 4 – First Aid Measures

After skin contact	Wash off with soap and plenty of water. Consult a physician.
After eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
After ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
After inhalation	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

Section 5 – Fire Fighting Measures

Hazardous products of combustion Carbon oxides.

Extinguishing method	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment	Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measure

Personal protective measures	Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Environmental protective measures	Prevent the spills inflow to a sewer and then place in suitable container.
Methods for taking in 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	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls	Safety shower and eye bath. Mechanical exhaust required.
Respiratory protection	Use a full-face supplied air respirator.
Eye protection	Wear chemical goggles.
Hand Protection	Wear impervious chemical resistant gloves.
Body protection	Protective work clothing.

Section 9 – Physical and Chemical Properties

Appearance and properties: White/black shell battery	Odor: No data available
Odor threshold: No data available	pH value: No data available
Melting point/freezing point(°C): No data available	Initial boiling point and boiling range(°C): No data available
Flash point(°C)(closed cup): No data available	Evaporation Rate: No data available
Flammability: No data available	Upper explosive limit%(V/V): No data available
Lower explosive limit%(V/V): No data available	Vapor pressure(MPa): No data available
Vapor density(g/mL): No data available	Relative density(g/cm³): No data available
Solubility: No data available	Octanol / water partition coefficient: No data available
Auto-ignition temperature(°C): No data available	Decomposition temperature(°C): No data available
Kinematic viscosity (mm²/s): No data available	

Section 10 – Stability and Reactivity

Reactive	No data available.
Chemical stability	Stable under the condition recommended.
Possibility of hazardous reactions	No data available.
Avoid conditions	No data available.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No data available.

Section 11 – Toxicological Information

Acute toxicity:

Skin corrosion/irritation: No data available.

Serious eye damage/eye irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity:

Lead (CAS No. 7439-92-1) : Group 2B Possibly carcinogenic to humans

Sulan (CAS No. 9003-07-0) : Group 3 Not classifiable as to its carcinogenicity to humans (IARC)

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.

Section 12 – Ecological Information

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: Very toxic to aquatic life with long lasting effects.

Section 13 – Disposal Considerations

Property of waste: Hazardous Waste.

Methods of disposal: Dispose of in a manner consistent with federal, state, and local regulations.

Precautions of disposal: Professional processing together.

Section 14 - Transport Information

According to the criteria of chemical classification settled in 《UN Recommendations on the Transport of Dangerous Goods Model Regulations》 (Nineteenth revised edition), this substance is not dangerous.

Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Lead	√	√	√	√
Sulan	-	-	-	-
Fiberglass	√	√	√	√

Note 1:

CHINA - China Inventory of Existing Chemical Substances (IECSC)

TSCA - United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)

ENCS - Japan Existing and New Chemical Substances (ENCS)

EINECS - European Inventory of Existing Commercial Chemical Substances (EINECS)

Note 2:

"√" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

Section 16 - Additional Information

Prepared by:

Changzhou Testing Center of Entry-Exit Industrial and Consumable Products

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Modification statement: Original. Please update before the implementation of the GHS Seventh revised edition.

Other information: This Safety Data Sheet (SDS) was prepared according to UN GHS (the sixth revised edition) and the information included is based on the present state of our knowledge. However, the information is provided without any warranty, express or implied, regarding its correctness and is only for users reference. Users should make their independent judgement of suitability of these information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.