

# MSDS REPORT

**Sample Name** : Sealed Lead Acid battery

**Sample Received Date** : May 03, 2023

**Client Unit** : E-Stars Int'l Tech. Co., Limited

**Client Address** : No. 033, Longzhu Road, Nanshan District, Shenzhen P.R.C.

**Client No.** : 07552164

**Manufacturer** : E-Stars Int'l Tech. Co., Limited

**Manufacturer Address** : No. 033, Longzhu Road, Nanshan District, Shenzhen P.R.C.



Company No. 07113834

**Signed for Beide (SZ) Product Service Limited**

Written by : Gina  
Gina Liu

Inspected by: Lisa  
Lisa Cai

Approved by: Michael Wang



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1. Identification of substance/preparation and company/undertaking

Identification of substance or preparation

Product name: Sealed Lead Acid battery

Company/undertaking identification

Manufacturer: E-Stars Int'l Tech. Co., Limited

Telephone No.: 0755-26784986

2. Composition/information on ingredients

Substance/preparation: Preparation

Ingredient name	CAS Number	%	Classification
ABS Plastic	9003-56-9	15	Not classified
Lead	7439-92-1	75	Not classified
Sulfuric acid	7664-93-9	7	Not classified
Glass fiber	65997-17-3	3	Not classified

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.  
Classification : Not classified

4. First-aid measures

First-aid measures

Inhalation : Move exposed person to fresh air, Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Obtain medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion : Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Obtain medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or Waistband.

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- Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and Shoes. Obtain medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower Eyelids. Check for and remove any contact lenses Continue to rinse for at least 10 Minutes. Get medical attention if irritation occurs.
- Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.
- Notes to physician : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled .

## 5. Fire-fighting measures

### Extinguishing media

- Suitable : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable : None known.

Special exposure hazards : No specific fire or explosion hazard.  
Promptly isolate the scene by removing all persons from the vicinity of the incident if There is a fire. No action shall be taken involving any personal risk or without suitable Training.

Hazardous combustion products : Decomposition products may include the following materials:  
carbon oxides  
sulfur oxides  
metal oxide/oxides

Special protective Equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

Personal precautions : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. wear appropriate respirator when ventilation is inadequate . Put on appropriate personal protective equipment.

Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Large spill : Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note see section 1 for emergency contact information and section 13 for waste disposal.

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Small spill : Move containers from spill area. vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

## 7. Handling and storage

Handling :Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage :Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. use appropriate containment to avoid environmental contamination.

### Packaging materials

Recommended :Use original container.

## 8. Exposure controls/personal protection

Recommended monitoring procedures : if this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

### Exposure controls

Occupational exposure Controls. :No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Hygiene measures :Wash hands forearms and face thoroughly after handling chemical products , before eating smoking and using the lavatory and at the working period. appropriate techniques should be used to remove potentially contaminated clothing. wash contaminated clothing before reusing . Ensure that eyewash stations and safety showers are close to the workstation location .

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Respiratory protection	:Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary . Respirator selection must be based on known or anticipated exposure levels the hazards of the product and the this is necessary .
Hand protection	:Chemical-resistant impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary .
Eye protection	:Safety eyewear complying with an approved standard should be used when a risk Assessment indicates this is necessary to avoid exposure to liquid splashes mists Gases or dusts.
Skin protection	:Personal protective equipment for the body should be selected on the task being performed and the risks involved and should be approved by specialist before handing this product .
Environmental exposure Controls	:Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental process equipment cases fume scrubbers filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. Physical and chemical properties

### General information

#### Appearance

Physical state :Solid

## 10. Stability and reactivity

Stability	:The product is stable. Under normal conditions of storage and use hazardous Polymerization will not occur.
Conditions to avoid	:No specific data.
Materials to avoid	:No specific data.
Hazardous decomposition	:Under normal conditions of storage and use hazardous decomposition products Should not be produced.

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11. Toxicological information

Inhalation, skin contact and eye contact are possible when the battery is opened.  
Exposure to internal contents, the corrosive fumes will be irritation to skin, eyes and mucous membranes.  
Overexposure can cause symptoms of non-fibrotic lung injury and membrane irritation.

12. Ecological information

Environmental effects :No known significant effects or critical hazards.

Biodegradability

Conclusion/Summary :Not available.

Other adverse effects :No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal : The generation of waste should be avoided or minimized wherever possible.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of pit material and runoff and contact with soil, waterways drains and sewers.

Hazardous waste : Within the present knowledge of the supplier this product is not regarded as hazardous waste as defined by EU Directive 91/689/EEC and 2006/12/EC.

14. Transport information

Lead acid battery, electric storage, UN2800

International transport regulations: Refer to international sea transport association regulations. The package should be integrated when loaded. With steady and soft handling. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the good together with oxidizer or edible chemicals. Avoid sunshine and getting wet. Prevent high temperature. Under the condition of road transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area.

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15. Regulatory information

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Risk phrases :This product is not classified according EU legislation.

Product use :Consumer applications.

Europe inventory :Not determined.

Other EU regulations

Additional warning phrases :Safely data sheet available for professional user on request.

16. Other information

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 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.

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**Photo of sample**



\*\*\* End of report \*\*\*

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