



Safety Data Sheet

Sample Name: Lead-acid battery
Model: CA1290 12 V 9.0Ah
Applicant: 2024.05.28
Report No.: SZWYT20240528SDS01
Report Category: SDS

Guangzhou CPUP Certification Technology Service Co., Ltd.

SECTION 1 - CHEMICAL AND COMPANY IDENTIFICATION

Product Name: Lead Acid Battery	Model : CA1290 12V 9.0Ah Ratings: 12V 9.0Ah
Company: SHENZHEN WEIYETONG CO., LTD	Address: NO.418 Yuanmeng Science and technology building,G/4 buiding, Mingle Technology Park, Longhua District Shenzh en City.
E-mail: wyt28074903@163.com	Emergency Telephone: 0755-28074903

SECTION2 – HAZARDS IDENTIFICATION

Invasion Route: eyes, skin contact, ingestion

Health Hazards: The valve-regulated lead-acid batteries are not hazardous when used according to the instructions of manufacturer under normal conditions. In case of abuse, there's risk of rupture, fire, heat, leakage of internal components, with could cause casualty loss. Contact with internal components may cause irritation or burns to eyes and skin. Abuses include but not limited to the following cases: charged for long time, short circuited, put into fire, whacked with hard object, punctured with acute object, crushed, and broken.

Environmental Hazard: The internal electrolyte may cause adverse environmental impacts

The Danger of Burning and Exploding: May occur fire or explosion in high temperature or short circuit.

SECTION3 – COMPOSITION/INFORMATION ON INGREDIENT

Ingredient	CAS No.	Concentration (%)
Lead Dioxide	1309-60-0	32%
Lead	7439-92-1	31%
Dilute Sulfuric acid	7664-93-9	20%
ABS plastic	9003-56-9	13%
Glass Fiber	60676-86-0	4%

SECTION 4 – FIRST AID MEASURES**Eye Exposure:**

In case of contact with eyes, flush with copious of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin Exposure:

If the internal battery materials of an opened battery cell some into contact with skin, immediately flush with plenty of water.

Inhalation Exposure:

If inhaled the internals of battery vomiting. Seeking Immediate medical attention.

Ingestion Exposure:

If swallowed, do not induce vomiting. Seek immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Danger characteristic:

Exposure to excessive heat can cause venting of the liquid electrolyte. Battery may burst and release hazardous decomposition products when exposed to a fire situation.

Hazardous combustion products:

Corrosive gas may be emitted during fire.

Fire-Fighting method& media

The stuff must equip with filtermask (full mask) or isolated breathing apparatus. The stuff must wear the clothes which can defense the fire in the upwind direction. Remove the container to the open space as soon as possible. Spray water on the containers in the fireplace to keep them cool until finish extinguishment Media: plenty of water, dry chemical powder or carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency treatment:

If the battery material is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. The preferred response is to leave the area and allow the batteries to cool and vapors to dissipate. Provide maximum ventilation. Avoid skin and eye contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerate waste.

SECTION 7 – HANDLING AND STORAGE

Handling & Storage:

The battery should not be opened, destroyed or incinerate, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed container. Avoid mechanical or electrical abuse, storage preferably in cool, dry and ventilated area, which is subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to direct sunlight for long periods. The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Control:

Keep away from heat and open flame. Supply with sufficient partial air exhaust. Store in a cool, dry place.

Respiratory Protection:

Not necessary under conditions of normal use. Wear self-contained breathing filtermask if the density exceed in the air. Wear breathing apparatus under the condition of emergency rescue or evacuation.

Eyes Protection:

Not necessary under conditions of normal use. Wear protective glasses if handling a leaking or ruptured battery.

Skin and Body Protection:

Not necessary under conditions of normal use. Wear fireproofing, gas defense clothes in case of handling a leaking or ruptured battery.

Hands Protection:

Not necessary under conditions of normal use. Wear chemical resistant rubber.

Other Protections:

No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**Physical state:**

Solid

Odor:

Odorless

Solubility:

Insoluble in water.

SECTION 10 – STABILITY AND REACTIVITY**Stability:**

Stable under normal temperature and pressure.

Distribution of Ban:

Strong oxidizer, strong acid and corrosives

Conditions to Avoid:

Fire source, heating source, disassemble, external short circuit, crushes, deformation, high temperature above 100°C, direct sunlight and high humidity, immerse in water or overcharge.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Metal oxides, CO, CO₂

SECTION 11 – TOXICOLOGICAL INFORMATION**Acute Toxicity:**

N/A

Sub-acute and Chronic Toxicity:

N/A

Irritation Data:

The internal battery materials may cause irritation to eyes and skin.

Mutagenicity:

N/A

Carcinogenicity:

N/A

Others:

Since the materials in this battery are sealed in the can, the potential for exposure to the components of the battery is negligible, when the battery is used as directed. However technical or electrical abuse of the battery may result in the release of battery contents.

SECTION 12 – ECOLOGICAL INFORMATION**Eco-toxicity:**

N/A

Biodegradable:

N/A

Mobility in soil:

N/A

Bioconcentration or biological accumulation:

N/A

Other harmful effects:

Don't abandon the battery into environment, may cause water or soil pollution.

SECTION 13 - DISPOSAL CONSIDERATIONS**Appropriate Method of Substance:**

Disposal of Collected Material in Accordance with Local, State and Federal Regs.

SECTION 14 – TRANSPORT INFORMATION**IATA:****UN Number:** UN2800It is strictly prohibited to tumble and fall throw a packaging battery. When handling the battery, don't touch electrode and relief valve. According to IATA DGR 64th Edition for transportation**IMO:****International Maritime Dangerous Goods (IMDG) code:**

This subject is not subject to IMO IMDG code(inc. Amendment 40-20), according to special provision 238.

SECTION 15 – REGULATORY INFORMATION**Law Information:***Dangerous Goods Regulation**Recommendations 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*

OSHA Hazard Communication Standard Status

Toxic Substances Control Act (TSCA) Status

SARA Title III

RCRA

U.S. Federal Regulations

European/International Regulations

Section 16 - Additional Information

第十六部分-附加信息

Report No.: SZWYT20240528SDS01

Compiler 编制人: <i>Bilen Feng</i>
Reviewer 审核人: <i>Tracy Chen</i>
Approver 批准人: <i>Leo Zhi</i>
Issue Date 签发日期: 2024.05.28
Compile unit 编制单位: Guangzhou CPUP Certification Technology Service Co., Ltd. 广州三帕认证技术服务有限公司 Room C101/C102/C103/C104, No.9, Hengji Road, Yunxing Zhukeng, Shiqiao Street, Panyu District, Guangzhou, Guangdong, China 广州市番禺区市桥街云星珠坑村横基路 9 号 C101、C102、C103、C104 室 Tel./电话: 0086-20-31127037 Web/网址: www.cp-up.com Email/邮箱: info@cp-up.com
Other Information 其他信息: The information above is believed to be accurate and represents the best information currently available to us. However, we makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation. This safety data sheet provides guidelines for the safe handling and use of this product; it does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required. 在我们看来上面的信息是准确的，这是我们目前能提供的最佳的信息。但是，对于这些信息，我们不对商品的性能做任何明示的或者暗示的保证，我们也不对使用这些信息造成的后果担负任何责任。用户应当自己调查研究后决定这些信息是否适用于他们的特定用途。尽管在该文档里提出了合理的预警，但是这仅仅只是给您做参考、考量和调查。这份安全技术说明书提供了安全处理和使用该产品的指南，但是它没有，也不能对所有可能发生的情景提出建议，所以您需要根据您对该产品的特定使用情况来决定是否需要其他的预防措施。

--End of report--