



# 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**

<b>Product Name:</b> Lead Acid Battery	<b>Model :</b> CA1290 12V 9.0Ah <b>Ratings:</b> 12V 9.0Ah
<b>Company:</b> SHENZHEN WEIYETONG CO., LTD	<b>Address:</b> NO.418 Yuanmeng Science and technology building,G/4 buiding, Mingle Technology Park, Longhua District Shenzh en City.
<b>E-mail:</b> wyt28074903@163.com	<b>Emergency Telephone:</b> 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, CO<sub>2</sub>

**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 64<sup>th</sup> 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



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