

## Safety Data Sheet

This safety data sheet was created pursuant to the requirements of: GB/T 16483-2008 , GB/T 17519-2013.

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>Product identifier</b>	
Product name	Lead-Acid ( Non-spillable )Battery
other means of identification	Synonyms : None
<b>Details of the supplier of the safety data sheet</b>	
Supplier Name:	Quanzhou Kaiying Power Supply & Electrical Equip Co., Ltd.
Supplier Address	Laogang Industrial Area, Anxi Town, Quanzhou City, Fujian Province, China
Supplier Email address	sales@longwaybattery.com
Supplier Phone Number	86 595 68782266
Supplier Fax Number	86 595 68782222
Supplier Emergency phone number	86 595 68782235
<b>Recommended use of the Chemical and restrictions on use</b>	
Recommended use	Lead-Acid ( Non-spillable )Battery
Uses advised against	No information available

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

This product is an article which is sealed battery and as such does not require an SDS per the OSHA hazard communication standard unless Ruptured . The hazard indicated are for a ruptured battery .

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Gases)	Category 4
Acute toxicity - Inhalation (Vapors)	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 1 Sub-category A
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 1A
Reproductive toxicity	Category 1A
Specific organ toxicity ( repeated exposure)	Category 2

#### GHS Label elements , including Precautionary statements.

#### Emergency Overview

Signal Word Danger



**Hazard Statements**

Harmful if swallowed

Harmful if inhaled

Cause severe skin burns and eye damage

Cause serious eye irritation

May cause cancer

May cause fertility or unborn child

May cause damage to organs through prolonged or repeated exposure



This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold. Intended use of the product should not result in exposure to the chemical substance. This is a battery. In case of rupture: The above hazards exist.

**Appearance:** gray Black cuboid battery

**Physical State :** Solid

**Odor :** Odorless

**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understand

Use personal protective equipment as required

Wash face, hands and exposed skin thoroughly after handling

Do not eat ,drink or smoke when using this product

Use only outdoor or in a well-ventilated area

Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician

Specific treatment ( see supplemental first aid instructions on this label)

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses , if present and easy to do . Continue rinsing.

Immediately call a POISON CENTER or doctor/physician

**Skin**

IF ON SKIN( or hair): Remove /take off the immediately all contaminated clothing. Rinse shin with water/shower.

Wash contaminated clothing before reuse .

**Inhalation**

IF INHALED:Remove victim to fresh air and keep at rest in a position comfortable before breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

Immediately call a POISON CENTER or doctor/physician

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.



Rinse mouth

Do not induce vomiting

Precautionary Statements - Storage

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0.6% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Very toxic to aquatic life with long lasting effects

**Interactions with other Chemicals**

Use of alcoholic beverages may enhance toxic effects.

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical characterization :Mixtures .

\*PBB spies or PBDE spices is not involved

Exposure Limits			Air Exposure Limits (ug/m3)		
Material	by Wt.	CAS Number	OSHA	AGGIH	NIOSH
Lead	57	7439-92-1	50	150	100
Lead Oxide	22	1309-60-0	50	150	100
Electrolyte (Sulfuric Acid)	14	7664-93-9	1	1	1
Battery Pack (ABS)	7	9003-56-9	1	1	1

**SECTION 4: FIRST-ACID MEASURE**

First aid measures	
<b>General Advice</b>	First aid is upon rupture of sealed battery.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice. Remove contact lenses, if present and easy to do. Continue rinsing



<b>Skin Contact</b>	Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician. If breathing has stopped, give artificial respiration. Get medical attention immediately. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Seek immediate medical attention/advice. Delayed pulmonary edema may occur.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Wear personal protective clothing (see section 8).
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Most Important Symptoms and Effects</b>	Burning sensation. Lead poisoning is characterized by a metallic taste in the mouth, loss of appetite, indigestion, nausea, vomiting, constipation, sleep disturbances and overall weakness. Severe exposures can lead to shock, circulatory collapse and death.
<b>Indication of any immediate medical attention and special treatment needed</b>	
<b>Notes to Physician</b>	Treat symptomatically. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum and high pulse pressure

## SECTION 5 : FIRE-FIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
<b>Unsuitable extinguishing media</b>	
CAUTION: Use of water spray when fighting fire may be inefficient.	
<b>Specific Hazards Arising from the Chemical</b>	
The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors.	
<b>Uniform Fire Code</b>	Corrosive: Acid-Liquid      Toxic: Liquid
<b>Hazardous Combustion Products</b>	Carbon oxides
<b>Explosion Data</b>	
Sensitivity to Mechanical Impact	No
Sensitivity to Static Discharge	No
<b>Protective equipment and precautions for firefighters</b>	
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	



**SECTION 6 :LEADAGE EMERGENCY TREATMENT**

<u>Personal precautions, protective equipment and emergency procedures</u>	
<b>Personal Precautions</b>	Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid generation of dust.
<b>Other Information</b>	Refer to protective measures listed in Sections 7 and 8
<u>Environmental Precautions</u>	
<b>Environmental Precautions</b>	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains
<u>Methods and material for containment and cleaning up</u>	
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.

**SECTION 7 :HANDING AND STORAGE**

<u>Precautions for safe handling</u>	
<b>Handling</b>	In case of rupture: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.
<u>Conditions for safe storage, including any incompatibilities</u>	
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials
<b>Incompatible Products</b>	Acids. Bases. Oxidizing agent

**Section 8 : EXPOSURE CONTROLE/PERSONAL PROTECTION**

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Lead 7439-92-1	TWA: 0.05 mg/m <sup>3</sup>	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> Pb Action Level: 30 µg/m <sup>3</sup> Poison, See 29 CFR 1910.1025 Action Level: 30 µg/m <sup>3</sup> Pb Poison, See 29 CFR 1910.102	IDLH: 100 mg/m <sup>3</sup> TWA: 0.050 mg/m <sup>3</sup>
Lead dioxide 1309-60-0	TWA: 0.05 mg/m <sup>3</sup> Pb	TWA: 50 µg/m <sup>3</sup> Pb Action Level: 30 µg/m <sup>3</sup> Pb Poison, See 29 CFR 1910.1025	IDLH: 100 mg/m <sup>3</sup> Pb TWA: 0.050 mg/m <sup>3</sup> Pb
Sulfuric acid 7664-93-9	TWA: 0.2 mg/m <sup>3</sup> thoracic fraction	TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 1 mg/m <sup>3</sup>	IDLH: 15 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and



Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health.

<b>Other Exposure Guidelines</b>	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters
<b>Appropriate engineering controls</b>	
<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/Face Protection</b>	None required for consumer use. If splashes are likely to occur: Face protection shield.
<b>Skin and Body Protection</b>	Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. For environmental protection, remove and wash all contaminated protective equipment before re-use.

**SECTION 9: PHYSICAL/CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

<b>Physical State</b>	Solid		
<b>Appearance</b>	Cuboid battery	<b>Odor</b>	Odorless
<b>Color</b>	Gray black	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	No data available	None known
Melting / freezing point	327.4 °C	Lead
Boiling point / boiling range	110 °C	electrolyte
Flash Point	1740 °C	Lead
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	No data available	None known
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	<0.3mmHg @25 °C	electrolyte
Vapor density	3.4	electrolyte
Specific Gravity	1.215 - 1.350	electrolyte
Water Solubility	100%	electrolyte
Solubility in other solvents	No data available	None known



Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	
Explosive properties	No data available	
Oxidizing Properties	No data available	

<b>Other Information Softening</b>	
<b>Softening Point</b>	
<b>Point VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	No data available

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	No data available.
<b>Chemical Stability</b>	<b>Stable under recommended storage conditions.</b>
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Exposure to air or moisture over prolonged periods. Avoid shorting circuit or sparks near battery. Avoid prolonged over-charging. Use only approved charging methods. Do not charge in gas tight containers , sparks, open flames, and keep battery away from strong oxidizers.
<b>Incompatible Materials</b>	Acids. Bases. Oxidizing agent.
<b>Hazardous Decomposition Products</b>	Carbon oxides.

## SECTION 11: TOXICOLOGICAL

### Information on likely routes of exposure

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplier information. In case of rupture.
<b>Inhalation</b>	Specific test data for the substance or mixture is not available. Corrosive by inhalation (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal. May cause irritation of respiratory tract
<b>Eye Contact</b>	Specific test data for the substance or mixture is not available. Causes burns (based on components). Corrosive to the eyes and may cause severe damage including blindness. Expected to be an irritant based on components.



<b>Skin Contact</b>	Specific test data for the substance or mixture is not available. Corrosive (based on components). Causes burns
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Causes burns (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease.  Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sulfuric acid 7664-93-9	= 2140 mg/kg ( Rat )	-	= 510 mg/m3 ( Rat ) 2 h

**Information on toxicological effects**

<b>Symptoms</b>	Erythema (skin redness). Burning. May cause blindness. Coughing and/or wheezing. May cause redness and tearing of the eyes.
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<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Chemical Name	ACGIH	IARC	NTP	OSHA
Lead 7439-92-1	A3	Group 2A	Reasonably Anticipated	X
Lead dioxide 1309-60-0	A3	Group 2A	Reasonably Anticipated	X
Sulfuric acid 7664-93-9	A3	Group 1	Known	X

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen    A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X – Present

<b>Reproductive Toxicity</b>	Product is or contains a chemical which is a known or suspected reproductive hazard. Contains a known or suspected reproductive toxin.
<b>Developmental Toxicity</b>	Contains ingredients that have suspected developmental hazards.
<b>STOT - single exposure</b>	No information available





<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure. Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from chronic or repeated exposure. (STOT RE).
<b>Chronic Toxicity</b>	Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Contains a known or suspected carcinogen. Contains a known or suspected reproductive toxin. Possible risk of irreversible effects. Avoid repeated exposure. Prolonged exposure may cause chronic effects. May cause adverse effects on the bone marrow and blood-forming system. Lead compounds may be absorbed by ingestion, by inhalation and through the skin. Lead may damage kidney function, the blood forming system and the reproductive system.
<b>Target Organ Effects</b>	Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Reproductive System. Blood. Central Nervous System (CNS). Gingival Tissue. Kidney. Teeth. Cardiovascular system. Hematopoietic system. Immune system. May damage the unborn child.
<b>Aspiration Hazard</b>	No information available

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**

500.00 mg/kg

**ATEmix (inhalation-gas)**

5,625.00 ppm (4 hr)

**ATEmix (inhalation-dust/mist)**

1.10 mg/l

**ATEmix (inhalation-vapor)**

14.00 ATEmix

**SECTION 12: ECOLOGICAL**

This product contains a chemical which is listed as a severe marine pollutant according to DOT

**Ecotoxicity**

Very toxic to aquatic life with long lasting effects

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Lead 7439-92-1		96h LC50: = 0.44 mg/L(Cyprinus carpio) 96h LC50:= 1.17 mg/L(Oncorhynchus mykiss) 96h LC50: = 1.32mg/L (Oncorhynchus mykiss)		48h EC50: = 600 µ g/L
Sulfuric acid 7664-93-9		96h LC50: > 500 mg/L(Brachydanio rerio)		24h EC50: = 29 mg/L

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available.



**SECTION 13: DISPOSAL CONSIDERATIONS**

Waste treatment methods

<b>Disposal Methods</b>	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
<b>Contaminated Packaging</b>	Dispose of contents/containers in accordance with local regulations.
<b>US EPA Waste Number</b>	D002 D004 D008

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Lead 7439-92-1	(hazardous constituent – no waste number)	Included in waste streams: F035, F037, F038, F039, K002, K003, K005, K046, K048, K049, K051, K052, K061, K062, K064, K065, K066, K069, K086, K100, K176	= 5.0 mg/L regulatory level	

**California Hazardous Waste Codes 792**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Lead 7439-92-1	Toxic
Lead dioxide 1309-60-0	Toxic
Sulfuric acid 7664-93-9	Toxic Corrosive

**SECTION 14: TRANSPORTATION INFORMATION**

Transportation Information

Proper shipping name:

“Batteries, Wet, Non-spillable, Electric storage, Not regulated”

U.S. DOT:

DOT-Our Non-spillable batteries are Not subject to DG regulations , since they meet the requirements of 49 CFR 173.159(d).

They do not have an assigned UN number nor do they require additional DOT hazard labeling.

IATA / ICAO:

IATA/ICAO- LONGWAY batteries are exempt from DG regulations, and classified as a “Non-Spillable battery”. Our Non-spillable batteries are Not subject to DG regulations , since they meet the requirements of Packing Instructions 872 of Special Provision A67.

The LONGWAY batteries are securely packaged, protected from short circuits and la eled “Non-Spillable”. They are good for transportation on either passenger aircraft or cargo aircraft.

For all modes of transportation, each battery and outer package must be labeled:

“Non-Spillable” or “Non-Spillable Battery”. This label must be visible during transportation.





**IMDG:**

LONGWAY batteries are Non-spillable batteries. They meet the requirements of Special Provision 238 and are not subject to the provisions of the IMDG code.

We hereby certify that all LONGWAY Battery Maintenance Free Rechargeable Sealed Lead Acid batteries conform to the UN2800 classification as "Batteries, wet, Non-Spillable, and electric storage" as a result of passing the Vibration and Pressure Differential Test described in DOT [49 CFR 173.159(d)] and IATA/ICAO [Special Provision A67] and IMDG CODE 2014 Edition Chapter 3.3 item 238. LONGWAY batteries having met the related conditions are EXEMPT from hazardous goods regulations for the purpose of transportation by DOT, IATA/ICAO and IMDG, and therefore are unrestricted for transportation by any means.

**SECTION 15: REGULATORY INFORMATION**

**International Inventories**

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Lead 7439-92-1	7439-92-1	57	0.1
Lead dioxide 1309-60-0	1309-60-0	22	0.1
Sulfuric acid 7664-93-9	7664-93-9	14	1.0
Battery Pack (ABS)	9003-56-9	7	

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR122.21 and 40 CFR 122.42)



Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Lead 7439-92-1		x	x	
Lead dioxide 1309-60-0		x		
Sulfuric acid 7664-93-9	1000 lb			x

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Lead 7439-92-1	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ
Sulfuric acid 7664-93-9	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

**US State Regulations**

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Lead 7439-92-1	Carcinogen Developmental Female Reproductive
Lead dioxide 1309-60-0	Carcinogen Developmental Female Reproductive Male Reproductive
Sulfuric acid 7664-93-9	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Lead 7439-92-1	X	X	X	X	X
Lead dioxide 1309-60-0	X	X	X	X	X
Sulfuric acid 7664-93-9	X	X	X	X	X
Tin 7440-31-5	X	X	X		
Calcium 7440-70-2	X	X	X		



**16. OTHER INFORMATION**

NFPA	Health Hazards 3	Flammability 0	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 0	Flammability 0	Physical Hazard 0	Personal Protection X
PSN: LEAD ACID BATTERIES, NON-SPILLABLE Electric storage. UN NO.: 2800. CLASS 8.				

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release; and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

