

Material Safety Data Sheet

Tianjin GS Battery Co., Ltd.
No.189 Huanghai Road ,
TEDA,Tianjin,CHINA

TEL:8622-25325688

MSDS No. 068B

Product Name(Chemicals name or Merchandise Name) : Lead-Acid Battery 《Without Electrolyte》

Identification of substance

Parts	Materials	Mass Proportion	CAS No.
Plate	Lead	75~90%	7439-92-1
	Lead Compound		-
Container and lid	Synthetic resin(PP)	10~25%	-

Classification of Hazardousness and Poisonous materials

Classification name	Classification standard not applicable to batteries.
Hazardousness	Classification standard not applicable to batteries.
Poisonous materials	Lead and lead compounds, chemicals known to cause cancer and reproductive harm.
Effect on Environment	Lead adversely affects living things such as animals and plants.

Emergency Measures

Inhalation	Remove from exposure, and have medical treatment.
Eye contact	Immediately flush the eye sufficiently with water, and have immediate medical treatment.
Skin contact	Immediately wash it down with a large quantity of water, and thoroughly wash the skin with soap.
Ingestion	Immediately rinse the mouth with a large quantity of fresh water, and drink another large quantity of fresh water. Then, have immediate medical treatment.



Action at the Time of Fire																	
	Fire fighting action	If batteries are on charge, turn off power. Use positive pressure, self-contained breathing apparatus. Water applied to battery electrolyte generates heat and cause it to spatter. Wear acid-resistant clothing.															
Action at The Time of Lead Outflow																	
		Collect leaking and spilled liquid in containers as far as possible. Use face shield, Chemical protection suit, filter respirator for toxic particles and protective gloves.															
Handling and Storing Precautions																	
	Handling:	<ul style="list-style-type: none"> Do not put a fire close to the battery. Do not short it between the terminals. Charge the battery in a well-ventilated room. 															
	Storing:	Choose a place that is not exposed to high temperatures, high humidity, wind and rain, direct sunlight, fire, poisonous gasses, droplets, dust generation or ingress, or submersion.															
Exposure Inhibiting Device																	
Occupational Exposure Limits																	
A C G I H (T L V) (2004-2005) Lead: TWA 0.05mg/m ³																	
Wear protective clothing when handling batteries. (At that time, be sure to wear protective goggles, gloves, gum boots, and respiratory protection.)																	
Physical/ Chemical Properties																	
	Not applicable to batteries.																
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Environmental information																	
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Disposing precautions																	



Used batteries shall be recycled for reuse in accordance with relative national law and regulations.

Transporting precautions

Try to avoid mingling batteries with other substances. Handle with care dropping a battery.

Applicable laws and regulations

- Poison and Deleterious Substance Control Law : Lead Compound
- Pollutant Release and Transfer Register Law : Lead and Lead Compound
- Labor Safety and Hygiene Law : Lead
- Fire Services Act : Lead Compound
- Hazardous Materials Storage and Ship Transportation Regulations: Not Applicable

	UN Number	No Data	
	Dangerous Goods	No Data	
	Packing Group	No Data	
	Special Provision	No Data	