Material Safety Data Sheet

According to Regulation(EC) No. 453/2010 Issue Date : 2021-04-20

Section 1-Chemical Product and Company Identification

Product Name: SEALED LEAD ACID BATTERY(6-FM-7 12V 7AH)(USE FOR JUMP STARTER)

Product Model: 6-FM-7

Supplier: NINGBO YIMI ELECTRICAL APPLIANCE CO.,LTD.

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Section 2 - Hazards Identification

Fatalness grade: In accordance with Regulation (EC) No.453/2010, the sample is not divided into dangerous article.

Invasion route: Skin contact: No known significant effects or critical hazards.

Eye contact: May cause eye irritation.

Inhalation: No known significant effects or critical hazards.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Health hazards: No known significant effects or critical hazards.

Environment hazards: No known significant effects or critical hazards.

Section 3 –Composition/Information on Ingredient

☐ Pure ☒ Admixture

Components:

			Air Exposure Limits (ug/m^3)		
Components	**CAS Number**	**Approximate % By Wt. Or Vol.**	**OSHA**	**ACGIH**	**NIOSH**
Inorganic Lead Compound:					
Lead	7439-92-1	45-60	50	150	100
* Lead Dioxide	1309-60-0	15-25	50	150	100
* Antimony	7440-36-0	2	500	500	---
* Arsenic	7440-38-2	0.2	10	200	---
* Calcium	7440-70-2	0.2	---	---	---
* Tin	7440-31-5	0.2	2000	2000	---
Electrolyte (Sulfuric Acid)	7664-93-9	10-30	1000	1000	1000
Case Material:		5-10	N/A	N/A	N/A
Polypropylene	9003-07-0				
Polystyrene	9003-53-6				
Styrene Acrylonitrile	9003-54-7				
Acrylonitrile Butadiene Styrene	9003-56-9				
Styrene Butadiene	9003-55-8				
Polyvinylchloride	9002-86-2				

Polycarbonate, Hard Rubber, Polyethylene	---				
Other:					
Silicon Dioxide (Gel batteries only)	7631-86-9	20-40	N/A	N/A	N/A
Sheet Molding Compound (Glass reinforced polyester)	---		N/A	N/A	N/A
Inorganic lead and electrolyte (sulfuric acid) are the primary components of every battery manufactured by Ritar. Other ingredients may be present dependent upon battery type. Contact your Ritar representative for additional information.					

Section 4 - First Aid Measures

Skin touch: Remove contaminated clothes and rinse the skin with plenty of water.

Eyes touch: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water.

Inhalation: Move to fresh air immediately.

Ingestion: Gargle. Get medical aid.

Section 5 - Fire Fighting Measures

Danger characteristic: This sample can't fire, but it can fusion when the around get fire.

Hazardous combustion products: /

Fire-Fighting method & media: Remove the container to the open space as soon as possible. Spray hazy water on the
containers in the fireplace to keep them cool until finish extinguishment. Media: hazy water, foam, powder, CO_2, sandy clay.

Section 6 –Accidental Release Measures

Emergency treatment: Evacuate the personnel to a safe place as soon as possible, insulate the polluted area, restrict on
access. It is advised that the staff wear work clothes and gloves. Small amount of divulgence: clean off. Massive divulgence:
Recycle or transport to waste treatment place for handling.

Section 7 - Handling and Storage

Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. Take care when lifting and handling in case of damaging the package. Empty the container that may contain harmful residue.

Storage: Keep the sample in the cool and well-ventilated place. Keep the container closed. No mixing storage. The storage place should be equipped with devices for divulgence handling and suitable shelter materials.

Section 8 - Exposure Controls, Personal Protection

Maximum admissible concentration: No standard yet

Monitoring Method: /

Engineering Control: Tightly closed. To supply with sufficient air exhaust.

Respiratory Protection: No special protection under normal use.

Eyes Protection: No special protection under normal use.

Body Protection: No special protection under normal use.

Hands Protection: No special protection under normal use.

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

Section 9 - Physical and Chemical Properties

Appearance: Soft solid

Color: Milky white

Odour: Characteristic smell

Boiling Point: No specific data.

Proportion: No specific data.

Acid Value: No specific data.

PH Value: No specific data.

Permission of solvent inhalation: No specific data.

Solubility: Soluble in water.

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure

Distribution of Ban: No specific data.

Conditions to Avoid: Fire, high temperature

Hazardous Polymerization: Not available.

Hazardous Decomposition Products: No applicable.

Section 11 - Toxicological Information

Information on toxicological effects

Acute toxicity:	Lead Dioxide
Skin corrosion/irritation:	Lead Dioxide: Skin irritation
Serious eye damage/irritation:	Sulfuric Acid:Eye irritation: highly corrosive
Respiratory or skin sensitisation:	Sulfuric Acid: sensitising
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity (single exposure):	No data available
Specific target organ toxicity (repeated exposure):	No data available
Aspiration hazard:	No data available

SECTION 12: Ecological information

Acute (short-term) toxicity:

Sulfuric Acid:

Fish (Oncorhynchus mykiss, 96h): LC50 > 100(% v/v saturated solution) OECD Guideline 203

Crustacea(Daphnia Magna, 48h): EC50 > 0.0735 mg/l (OECD TG 202)

Algae/aquatic plants (Desmodesmus subspicatus, 72h): EC50 > 100 other: v/v saturated solution

Section 13 - Disposal Considerations

Nature of waste: This product is not regarded as hazardous waste, as defined by Regulation (EC) No. 1272/2008.

Waste disposal methods: Refer to National or Local regulations before handling.
Attention abandoned: /

Section 14 - Transport Information

This substance is not subject to IMO IMDG code according to special provision 238.
Number of dangerous goods: No applicable.
UN Number: 2800.
Packaging Mark: None
Packaging Method: This kind of battery has tobe fixed inside of the plactical housing,prevent from short circuits,or any movement cause the short circuits.
Transport Attentions: Examine whether the package of the containers are integrate and tight-closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with chief food chemicals. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source. The sample is not regulated for transport of dangerous goods.
Accroding to Standard requirement or The Clause Number of Standard UN Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations Chapter 3.3 SPECIAL PROVISIONS 238(a),such battery will not cause the danger.

Section 15 - Regulatory Information

Regulatory Information:
ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.
Regulation (EC) No 1272/2008-Classification, Labelling and Packaging of Substances and Mixtures.

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof.Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.