Material Safety Data Sheet (MSDS)

Report No.:	E2512315437173
Date:	2025.12.31
Product Name:	Golf Cart D 款(Containing Lithium-ion battery pack 72V110AH73.6V
Applicant:	Qingdao New Stone New Material Co., LTD
Supplier:	Dezhou Suchi Vehicle Co., Ltd
Trademark/Brand:	/
Model:	/
Nominal Voltage:	72V
Rated Capacity:	110AH
Remark:	The MSDS is prepared based on the information provided by client.

Hengwei Testing Technology (Huizhou) Co., Ltd.

Hengwei Testing Technology (Huizhou) Co., Ltd. Report Seal

1 Identification

Product Name: Lithium-ion Battery Pack 60150 64V 150Ah 9600Wh

Model:/

Company Name: Qingdao New Stone New Material Co., LTD

Company Address: Room K0325, 3rd Floor, Building K, Teaching Building 4, No. 713-1 Xiangjiang Road, Huangdao District, Qingdao City, Shandong Province

Tel: 18266131661

Email: suchi@suchigolfcart.com

2 Hazards identification

The product is outside of the scope of GHS system.

Main Hazards:

Fire or Explosion Hazards:

Lithium ion battery contains flammable liquid electrolyte that may vent, ignite and produce sparks when subjected to high temperatures (>150℃), when damaged or abused (e. g., mechanical damage or electrical overcharging). May burn rapidly with flare-burning effect.May ignite other batteries in close proximity.

Health Hazards:

Contact with the electrolyte of battery may be irritating to skin, eyes and mucous membranes.Fire willproduce irritating, corrosive and/or toxic gases. Fumes may cause dizziness or suffocation.

3 Composition/information on ingredients

Component	CAS	Weight % content
Lithium lron Phosphate CarbonCoated	15365-14-7	38.86
Graphite	7782-42-5	18.20
Copper	7440-50-8	1.68
Ethylene carbonate	96-49-1	6.86
Ethyl methyl carbonate	623-53-0	1.14
Diethyl carbonate	105-58-8	9.15
Propylene carbonate	108-32-7	2.86
Lithium hexafluorophosphate	21324-40-3	2.29
Polypropyiene	9003-07-0	4.20
Aluminum	7429-90-5	14.76

4 First-aid measures

Eye:Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:Remove contaminated clothes and rinse skin with plenty of water or shower for 15 minutes. Get medical aid.

Inhalation:Remove from exposure and move to fresh air immediately. Use oxygen if available.

Ingestion:Give at least 2 glasses of milk or water. Induce vomiting unless patient is unconscious. Call a physician.

5 Fire-fighting measures

Characteristics of Hazard:Dusts at sufficient concentrations can form explosive mixtures with air. Combustion generates toxic fumes.

Hazardous Combustion Products: Carbon dioxide.

Fire-extinguishing Methods and Extinguishing Media: For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.

Attention in Fire-extinguishing: Wear self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6 Accidental release measures

Personal Precautions, protective equipment, and emergency procedures: In case of rupture. Attention! Corrosive material. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Refer to protective measures listed in Sections 7 and 8.

Environmental Precautions：Prevent product from contaminating soil and from entering sewers or waterways.

Methods and materials for Containment：Stop the leak if safe to do so. Contain the spilled liquid with dry sand or earth. Clean up spills immediately.

Methods and materials for cleaning up：Absorb spilled material with an inert absorbent (dry sand or earth). Scoop contaminated absorbent into an acceptable waste container. Collect all contaminated absorbent and dispose of according to directions in Section 13. Scrub the area with detergent and water; collect all contaminated wash water for proper disposal.

7 Handling and storage

Handling：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.

Storage：Storage

Other Precautions：In case of rupture. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protection equipment.

Other Precautions

8 Exposure controls/personal protection

Engineering Controls Use adequate ventilation to keep airborne concentrations low. If used under conditions that generate particulates, the ACGIH TLV-TWA of 3mg/m^3 respirable fraction (10mg/m^3 total) should be observed.3mg/m^3 ACGIH

Personal Protective Equipment：Eye and Face Protection: None required for consumer use. If there is a Hazard of contact: Tight sealing safety goggles. Face protection shield.

Skin and Body Protection: None required for consumer use. If there is a Hazard of contact: Wear protective gloves and protective clothing.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

9 Physical and chemical properties

Physical state: Solid

Colour: Black,Grey,White,Red,Green

Odour: Odorless (may emit a solvent-like odor upon electrolyte leakage)

Melting point/freezing point: No data available

Boiling point or initial boiling point and boiling range: No data available

Flammability: No data available

Lower and upper explosion: No data available limit/flammability limit

Flash point: Not applicable

Auto-ignition temperature: No data available

Decomposition temperature: No data available

pH: No data available

Kinematic viscosity: Not applicable

Solubility: No data available

Partition coefficient: No data available

n-octanol/water (log value)

Vapour pressure: No data available

Density or relative density(water=1): No data available

Relative vapour density(air=1): No data available

Particle characteristics: No data available

10 Stability and reactivity

Stability: Stable under recommended storage conditions.

Hazardous Reactions: Not under normal processing.

Conditions to avoid contact: Exposure to air or prolonged moisture.

Prohibited Compound: No information available

Hazardous Decomposition Products: Carbon oxides.

11 Toxicological information

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

12 Ecological information

Ecotoxicity

Aquatic Toxicity: Not available

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

13 Disposal considerations

Waste chemicals: Dispose of in accordance with relevant national and local regulations, or contact the factory or manufacturer to determine the disposal method.

Contaminated packaging: Return container to manufacturer or dispose of in accordance with national or local regulations

Disposal Notes: Please refer to relevant national and local regulations before disposal

14 Transport information

The Recommendation of Transport of Dangerous Goods(TDG)

UN Number: UN3556

Proper Shipping Name: Vehicle, lithium ion battery powered

Class/Division:9

Package Group:-

Subsidiary risk:-

Labelling pictogram:



Maritime transport IMDG:Being same with TDG

Air transport ICAO-TI and IATA-DGR:Being same with TDG

Marine pollutant(Yes/No):No

15 Regulatory information

Dangerous Goods Regulations (DGR)

UN Recommendations on the Transport of Dangerous Goods: Model Regulations (21st Revised Edition)

UN Manual of Tests and Criteria for Transport of Dangerous Goods

International Air Transport Association (IATA)

International Maritime Dangerous Goods Code (IMDG Code 2024 Edition, Amendment 42-24)

Technical Instructions for Safe Transport of Dangerous Goods

Classification and Code of Dangerous Goods - GB 6944-2012

Occupational Safety and Health Standard: Hazard Communication (29 CFR §1910.1200)

Toxic Substances Control Act (TSCA)

16 Other information

16.1 Release record

Issue Dete:2025.12.31

Effective Date:2026.01.01

16.2 DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable.However,the information is provided without any warranty, express or implied,regarding its correctness.The conditions or methods of handling,storge,use or disposal of the product are beyond our control and may be beyondour knowledge.For this and other reason,we do not assume responsibility and expressly disclaim liability for loss,damage or expense arising out of or in any way connected with the handling,storage,use or disposal of the product.This MSDS was prepared and is to be used only for this product.If the product is used as a component in another,this MSDS information may not be applicable.

---------- End of Report ----------