



MSDS

Material Safety Data Sheet

Report No...... : WTZ22F02025601C

Applicant..... : JM HUIYANG LIGHTING LIMITED

Address..... : Floor 2, Plant 1, 88 Dongning Road, Jianghai District,
Jiangmen City, Guangdong Province, China 529000

Manufacturer..... : JM HUIYANG LIGHTING LIMITED

Address..... : Floor 2, plant 1, 88 Dongning road, Jianghai district,
Jiangmen city, Guangdong province, China 529000

Sample Name..... : Crystal glass

Date of Issue..... : 2022-03-03

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Prepared By:

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Signed for and on behalf of
Waltek Testing Group (Foshan) Co., Ltd.

Swing Liang

Swing.Liang



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Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Product Name: Crystal glass

Contact: Mr Tang

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Emergency phone number: 13652229698

Section 2 – Hazards Identification

Classification according to Regulation (EC) No 1272/2008:



GHS08 Long term health danger

Repr. 1B

H360, It may cause harm to fertility or unborn children (if it is clear, specify the specific content of the impact) or (if it is clearly proved that there is no other route of exposure that will cause this hazard, then the route of exposure that will cause this hazard shall be described).

Hazard category: Under normal circumstances, the product is stable and harmless.

Invasion way: Skin contact, eye contact, inhalation, ingestion.

Health hazards:

Skin touch: Contact with the product at normal temperature is not harmful to health, and exposure to high temperature combustion products may cause skin irritation.

Eyes touch: Under normal circumstances, no contact with the eyes. Exposure to high temperature combustion products can cause irritation and may even damage the eyes.

Inhalation: Under normal circumstances, it will not be inhaled. If high temperature combustion products are inhaled, it may cause irritation of the respiratory tract.

Ingestion: If eaten by mistake, it may cause irritation and damage to the mouth and digestive tract.

Signal word(s): Danger !

Health hazards: None

Other hazard: None




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Section 3 – Composition/information on Ingredient

Pure ☐

Admixture ☒

Composition:

Chemical Name		Content (%)	CAS No.
Crystal glass	SiO ₂	80.02	60676-86-0
	Al ₂ O ₃	2.26	1344-28-1
	Fe ₂ O ₃	0.014	1317-60-8
	CaO	0.021	1305-78-8
	MgO	0.006	1309-48-4
	B ₂ O ₃	12.79	1303-86-2
	 Repr. 1B, H360, GHS08, Dgr		
	Na ₂ O	4.46	1313-59-3
Loss on ignition		0.429	/

Section 4 – First Aid Measures

Skin touch: Irritating skin and mucous membranes. Take off the contaminated clothes and flush with plenty of water. Get medical aid.

Eyes touch: Stimulating effect. In case of contact with eyes, immediately to rinse with plenty of water. Have the victims remove contact lenses if he is wearing them before rinsing. Do not let the victims rub his eyes. Get medical aid.

Inhalation: Remove the victims to the fresh air and keep the respiratory tract smooth. Use oxygen if breathing is difficult. Get medical aid.

Ingestion: If accidentally eat the product, rinsing mouth with water. Never give anything by mouth to an unconscious person. Get medical aid.

Section 5 – Fire Fighting measures

Extinguishing media: Misty water, foam, dry powder, CO₂, etc.



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Danger characteristic: Stable at room temperature.

Hazardous combustion products: Carbon monoxide, carbon dioxide, etc.

Fire-Fighting method & media: The firefighter must be equipped with filtermask (full mask) or isolated breathing apparatus. The staff must wear the clothes and gloves which can defend the fire and the toxic gas. Extinguish a fire from the windward. Spray plenty of water until the fire takes off.

Extinguishant: Misty water, foam, dry powder, CO₂, etc.

Section 6 – Accidental Release Measures

Emergency treatment: Procedures for cleanup: Evacuate personnel to safe areas. Prohibit all the irrelevant from entering in. Cut off the fire. Ensure adequate ventilation. Collect the waste in proper close containers.

Environmental precautions: It is usually slightly hazardous to water. Do not expose undiluted or large quantities of products to groundwater, waterways, or sewer systems. If there is no government permission, do not discharge the material into the surrounding environment.

Personal precautions: Wear protective clothing, air respirator and gloves to avoid inhalation and contact with waste materials. Prevention of secondary hazards: No information is available.

Section 7 – Handling and storage

Handling:

1. Staff shall be trained in safe use.
2. Install fire control system and leakage emergency treatment facilities. Keep away from ignition, heat source and work site.
3. Avoid contact with oxidants.
4. Empty containers may contain hazardous materials.
5. Do not dump materials into the surrounding environment

Storage: It should be stored in a cool, ventilated, dry, dark and clean warehouse, and the packaging should be sealed.

Section 8 – Exposure controls, Personal Protection

Maximum admissible concentration: No information is available.

Monitoring Method: No information is available.

Engineering Control: No information is available.

Respiratory Protection: Not necessary under normal use. In case of handling the decomposition or

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combustion products, use isolated breathing apparatus.

Eyes Protection: Not necessary under normal use. In case of handling the decomposition or combustion products, wear safety goggles.

Body protection: Not necessary under normal use. In case of handling the decomposition or combustion products, use rubber apron and protective clothes.

Hands Protection: Not necessary under normal use. In case of handling the decomposition or combustion products, use rubber gloves.

Other Protections: None

Section 9 – Physical and Chemical Properties

Appearance: Solid

Colour: Transparent

Odour: No information is available.

pH Value: No information is available.

Boiling point: No information is available.

Melting Point: No information is available.

Flashpoint: No information is available.

Density: No information is available.

Upper flammable (explosive) limits in air-Lower (vol%)-UEL: No information is available.

Oxidising properties: No information is available.

Vapour pressure: No information is available.

Solubility in water: No information is available.

Partition coefficient (n-octanol / water): No information is available.

Viscosity: No information is available.

Vapour density: No information is available.

Evaporation rate: No information is available.

Ignition temperature: No information is available.

Section 10 – Stability and Reactivity

Reactivity: Stable at room temperature.

Stability: Stable at normal temperature and pressure.

Distribution of ban: Water and acids.



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Possibility of hazardous reactions: Acids, strong bases, acid chlorides, strong oxidants, halogens (fluorine, chlorine, etc.), oxygen

Conditions to avoid: Moisture-proof.

Hazardous polymerization: No information is available.

Hazardous decomposition products: No information is available.

Section 11 – Toxicological Information

Acute Toxicity: Acute, 1. Lung, chest, or respiratory fibrosis (interstitial). 2. Diarrhea. 3. Weight loss or reduction. 4. Lung, chest, or breathing - changes in pulmonary vascular resistance. 5. Lung, chest, or respiratory acute pulmonary edema. 6. Drowsiness (general depression activity). 7. Tremor. 8. Other changes. 9. Spasm. 10. Muscle weakness. 11. Lung, chest, or respiratory respiratory irritation. 12. Lung, chest, or breathing - other changes (SiO_2).

LD50: 3059 mg/kg (Mouse abdominal cavity) (CaO).

Intraperitoneal LD50 of mice was 1868 mg/kg, oral LD50 of mice was 3163 mg/kg, and oral LD50 of mice was 3163mg/kg. (B_2O_3).

Sub-acute and Chronic Toxicity: No information is available.

Irritation: May cause inflammation. (Al_2O_3).

Magnesium oxide has mild irritation to the conjunctiva and nasal mucosa. Steam can cause ulcers. (MgO).

It can irritate the nose, eyes and skin, causing conjunctivitis and rash (B_2O_3).

Sensitization: No information is available.

Mutagenicity: No information is available.

Carcinogenicity: No information is available.

Reproductive toxicity: No information is available.

Specific target organ toxicity - single exposure: No information is available.

Specific target organ toxicity - repeated exposure: No information is available.

Aspiration hazard: Dust can cause dyspnea, chest pain, cough, non diffuse interstitial fibrosis and emphysema. The maximum allowable concentration is $10\text{mg}/\text{m}^3$ in the United States. (MgO)

Others: No information is available.

Section 12 – Ecological Information

Eco-toxicity: If it is slightly harmful to water, do not let undiluted or a large number of products come into contact with groundwater, waterways or sewage systems. Do not discharge materials into the surrounding environment without government permission.



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Persistence and degradability: No information is available.

Bioconcentration or biological accumulation: No information is available.

Other harmful effects: Do not allow undiluted or large quantities of products to come into contact with groundwater, waterways or sewage systems if water is slightly hazardous. If no government permits, do not discharge materials into the surrounding environment.

Section 13 – Disposal Considerations

Nature of waste: No information is available.

Waste disposal methods: Refer to national or local regulations before handling. Recommended incineration..

Attention abandoned: This product is not suitable for disposal by deep buried waste, nor is it suitable for discharge into public sewers, drainage systems, or natural rivers.

Section 14 - Transport information

UN Number: No information is available.

Class: 8

Packing group: No information is available.

Proper shipping name: Crystal glass

Packaging Mark: No information is available.

Packaging Method: No information is available.

Transport Fashion: By sea, by road, by air, by railway.

Transport Attentions: Examine whether the packages are integrate and sealed or not before transport. No collapse, no fall or no damage during the course of transportation. Prevent the product from exposing to the sun, the rain and high temperature. Stopovers should be away from fire and heat sources. When transported by sea, the assemble place should keep away from bedroom and kitchen and isolated from the engine room, power and fire source.

International Air Transport Association (IATA) Dangerous Goods Regulations, 63rd, 2022

The international Maritime Dangerous Goods (IMDG) Code (inc Amdt 39-18)

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 on classification, labelling and packaging of substances and mixtures,

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amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

REGULATION (EU) No 453/2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

The international Maritime Dangerous Goods (IMDG) Code

International Air Transport Association (IATA) Dangerous Goods Regulations 62nd, 2021

The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

The Regulations Concerning the International Transport of Dangerous Goods by Rail (RID)

U.S. Department of Transportation (DOT)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

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 result 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 this particular purpose.

Sample photo:





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===== End of MSDS =====

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