



Report No.: MND230368QD\_US(En)  
Nomination No.: QDHL2306008708TY

## Safety Data Sheet (SDS)

Product Name: Magic Sand  
Report Version: Prepared according to American OSHA HCS-2012

Application Company Name: Tianjin ibiza glass bead Co., LTD  
Application Company Address: No.16 Fuyuan Road, Jingbin Industrial Park, Wuqing District, Tianjin  
Contact Information: 18632656583  
**24 Hour Emergency Call: 022-22198342**

Inspection Date: 2023/06/26

SGS-CSTC Standards Technical Services(Qingdao) Co.,Ltd

Authorised Signatory  
2023-06-29



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## Safety Data Sheet

# Magic Sand

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\*Prepared according to American OSHA HCS-2012

## 1 Identification

### Product identifier

Product Name	Magic Sand
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable

### Recommended use of the product and restrictions on use

Relevant identified uses	Please consult manufacturer.
Uses advised against	Please consult manufacturer.

### Details of the supplier of the Safety Data Sheet

Name of the company	Tianjin ibiza glass bead Co., LTD
Address of the company	No.16 Fuyuan Road, Jingbin Industrial Park, Wuqing District, Tianjin
Post code	—
Telephone number	18632656583
Fax number	022-22198341
E-mail address	283857003@qq.com

### Emergency phone number

Emergency phone number	022-22198342
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## 2 Hazard(s) identification

### Hazard classification according to GHS

According to OSHA HCS-2012, not classified as a hazardous chemical.

### GHS Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

### Hazard statements

Hazard statements	Not applicable
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### Precautionary statements

#### ◆ Prevention

Prevention	Not applicable
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#### ◆ Response

<b>Response</b>	Not applicable
◆ Storage	
<b>Storage</b>	Not applicable
◆ Disposal	
<b>Disposal</b>	Not applicable

**Other hazards**

	Not applicable.
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**Hazard description**

◆ Physical and chemical hazards

	No information available
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◆ Health hazards

<b>Inhaled</b>	Cough.
<b>Ingestion</b>	Accidental ingestion of the product may be harmful to the health of the individual.
<b>Skin Contact</b>	Redness.
<b>Eye</b>	Redness. Pain.

◆ Environmental hazards

	Please refer to 12th chapter of SDS.
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**3 Composition/information on ingredients**

**Substance/mixture**

	Mixture
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Component	CAS No.	EC No.	Concentration (wt, %)
Quartz	14808-60-7	238-878-4	87.5
PDMS(polydimethylsiloxane)	9003-20-7	618-358-7	10.5
Fluorescent pigment	26160-89-4	-	2

**4 First-aid measures**

**Description of first aid measures**

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
<b>Eye contact</b>	Rinse thoroughly with plenty of water and consult a physician if feel uncomfortable.
<b>Skin contact</b>	No harm in general situation. First aid is not needed.
<b>Ingestion</b>	Rinse mouth. Rest.
<b>Inhalation</b>	Fresh air, rest.
<b>Protecting of first-aiders</b>	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

**Most important symptoms/effects, acute and delayed**

1	Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.
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**Indication of any immediate medical attention and special treatment needed**

1	Treat symptomatically.
2	Symptoms may be delayed.

**5 Fire-fighting measures****Extinguishing media**

<b>Suitable extinguishing media</b>	Dry chemical, carbon dioxide or foam.
<b>Unsuitable extinguishing media</b>	There is no restriction on the type of extinguisher which may be used.

**Specific hazards arising from the substance or mixture**

1	Development of hazardous combustion gases or vapor possible in the event of fire.
2	May expansion or decompose explosively when heated or involved in fire.

**Special protective equipment and precautions for fire-fighters**

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

1	Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
2	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
3	Use personal protective equipment, do not breathe dust/fume.

**Environmental precautions**

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

1	Cut off the source of the leak as much as possible.
2	Keep leaks in a ventilated place.
3	Isolation of contaminated areas and restrictions on access.
4	It is recommended that emergency personnel wear dust masks.
5	Collect the spill with a clean shovel and place it in a clean, dry, loosely closed container and move the container away from the leak.
6	Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

**7 Handling and storage****Precautions for safe handling**

1	Handling is performed in a well ventilated place.
2	Wear suitable protective equipment.
3	Avoid contact with skin and eyes.

4	Keep away from heat/sparks/open flames/ hot surfaces.
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**Conditions for safe storage, including any incompatibilities**

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.
3	Keep away from heat/sparks/open flames/hot surfaces.
4	Store away from incompatible materials and foodstuff containers.

**8 Exposure controls/personal protection**

**Control parameters**

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Quartz	South Korea	-	0.05	-	-
	New Zealand	-	0.2	-	-
	Ireland	-	0.1	-	-
	Denmark	-	0.3	-	0.6
	Australia	-	0.1	-	-
	USA-ACGIH	-	0.025	-	-

◆ Biological limit values

<b>Biological limit values</b>	No relevant regulations
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◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 300 series standard Determination of toxic substances in workplace air.

**Engineering controls**

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.
3	Use explosion-proof electrical/ventilating/lighting/equipment.
4	Set up emergency exit and necessary risk-elimination area.

**Personal protection equipment**

<b>General requirement</b>	 
<b>Eye protection</b>	In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.
<b>Hand protection</b>	In general situation, hand protection is not needed.
<b>Respiratory protection</b>	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.
<b>Skin and body protection</b>	In general situation, skin and body protection are not needed.

## 9 Physical and chemical properties and safety characteristics

### Physical and chemical properties

Appearance	Fluid, loose sand
Odor	No information available
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup, °C)	Not applicable
Evaporation rate	Not applicable
Flammability	No information available
Upper/lower explosive limits[%(v/v)]	Upper limit: No information available; Lower limit: No information available
Vapor pressure	Not applicable
Vapor density(Air = 1)	Not applicable
Relative density(Water=1)	No information available
Solubility	No information available
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Viscosity	Not applicable

## 10 Stability and reactivity

### Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	No information available.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	No information available.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11 Toxicological information

### Acute toxicity

Acute toxicity	No information available
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### Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
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<b>Quartz</b>	Category 1	Category K
<b>PDMS(polydimethylsiloxane)</b>	Category 3	Not Listed
<b>Fluorescent pigment</b>	Not Listed	Not Listed

**Others**

<b>Magic Sand</b>	
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met
<b>Skin sensitization</b>	Based on available data, the classification criteria are not met
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met
<b>Reproductive toxicity(additional)</b>	Based on available data, the classification criteria are not met

**12 Ecological information**

**Acute aquatic toxicity**

<b>Acute aquatic toxicity</b>	No information available
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**Chronic aquatic toxicity**

<b>Chronic aquatic toxicity</b>	No information available
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**Persistence and degradability**

<b>Component</b>	<b>Persistence (water/soil)</b>	<b>Persistence (air)</b>
<b>PDMS(polydimethylsiloxane)</b>	Low	Low

**Bioaccumulative potential**

<b>Component</b>	<b>Bioaccumulative potential</b>	<b>Comments</b>
<b>PDMS(polydimethylsiloxane)</b>	Low	Log Kow=0.7278

**Mobility in soil**

<b>Component</b>	<b>Mobility in soil</b>	<b>Soil Organic Carbon-Water Partitioning Coefficient (Koc)</b>
<b>PDMS(polydimethylsiloxane)</b>	Low	6.131

**Results of PBT and vPvB assessment**

<b>Component</b>	<b>Results of PBT and vPvB assessment [according to (EC) No 1907/2006]</b>
<b>Quartz</b>	Insufficient information, temporarily unable to evaluate

<b>PDMS(polydimethylsiloxane)</b>	Insufficient information, temporarily unable to evaluate
<b>Fluorescent pigment</b>	Insufficient information, temporarily unable to evaluate

### 13 Disposal considerations

#### Disposal considerations

<b>Waste chemicals</b>	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
<b>Contaminated packaging</b>	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
<b>Disposal recommendations</b>	Refer to section waste chemicals and contaminated packaging.

### 14 Transport information

#### Label and Mark

<b>Transporting Label</b>	Not applicable
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#### IMDG-CODE

<b>IMDG-CODE</b>	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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#### IATA-DGR

<b>IATA-DGR</b>	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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#### UN-ADR

<b>UN-ADR</b>	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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### 15 Regulatory information

#### International chemical inventory

Component	EC inventory	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC	ENCS
<b>Quartz</b>	√	√	√	√	√	√	√	√	√
<b>PDMS(polydimethylsiloxane)</b>	×	√	√	√	√	√	√	√	√
<b>Fluorescent pigment</b>	×	√	√	√	√	√	√	√	√

- [EC inventory] European Inventory of Existing Commercial Chemical Substances
- [TSCA] United States Toxic Substances Control Act Inventory
- [DSL] Canadian Domestic Substances List
- [IECSC] China Inventory of Existing Chemical Substances
- [NZIoC] New Zealand Inventory of Chemicals
- [PICCS] Philippines Inventory of Chemicals and Chemical Substances
- [KECI] Korea Existing Chemicals Inventory
- [AIIC] Australian. Inventory of Industrial Chemical (AIIC)
- [ENCS] Japan Inventory of Existing & New Chemical Substances

Note:

- “√” Indicates that the substance included in the regulations.
- “×” No data or not included in the regulations.

## 16 Other information

### Information on revision

Creation Date	2023/06/26
Revision Date	2023/06/26
Reason for revision	-

### Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal/substancesearch/index.action>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

### Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG-CODE	International Maritime Dangerous Goods CODE
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC <sub>50</sub>	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD <sub>50</sub>	Lethal Dose 50%	NTP	National Toxicology Program
EC <sub>50</sub>	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC <sub>x</sub>	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P <sub>OW</sub>	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor	HCS	Hazard Communication Standard

### Disclaimer

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