

**Safety Data Sheet (SDS) Report**

**SDS Number: SHJ157713401**

Applicant: GUANGZHOU HONGXUANKAI IMPORT & EXPORT CO., LIMITED  
(registered trademark - Xleisure)  
NO. 114, SHANGYE AVENUE, XINHUA STREET, HUADU DISTRICT,  
GUANGZHOU, CHINA

Issue Date: 2023-06-07

Sample Description:

The sample information was submitted and identified on client's behalf to be:

Product Name : in-filter Mineral stick  
Physical State : Solid  
Data Received : May 31, 2023  
Data Reviewed : Jun 7, 2023

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Service Requested:

Based on the information provided by the applicant, the Safety Data Sheet (SDS) was generated in accordance with WHS and ADG requirements, for details please refer to attached pages.

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Authorized By:

On Behalf Of Regulatory Affairs in Intertek Testing Services Ltd., Shanghai



Anna Wang  
Technical Manager

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# in-filter Mineral stick

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations  
Issue date: 6/7/2023 Revision date: 6/7/2023 Version: 1.0 SDS Number: SHJ157713401

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Article  
Product name : in-filter Mineral stick

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Product name : Filter and adsorb impurities from the water in the swimming pool and bathtub

#### 1.4. Details of manufacturer or importer

GUANGZHOU HONGXUANKAI IMPORT & EXPORT CO., LIMITED  
(registered trademark - Xleisure)  
NO. 114, SHANGYE AVENUE, XINHUA STREET, HUADU DISTRICT, GUANGZHOU, CHINA  
T 0086-15915961276  
[eric@xleisurecovers.com](mailto:eric@xleisurecovers.com)

#### 1.5. Emergency phone number

No additional information available

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Not applicable

#### 2.2. GHS Label elements, including precautionary statements

No labelling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

### SECTION 3: Composition and information on ingredients

Name	CAS-No.	%
Magnesium	7439-95-4	94.34
Zinc	7440-66-6	2.45
Manganese	7439-96-5	1.2
Silver	7440-22-4	0.9
Zirconium	7440-67-7	0.56
Iron	7439-89-6	0.28
Silicon	7440-21-3	0.27

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## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### SECTION 4: First aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

#### 4.2. Symptoms caused by exposure

No additional information available

#### 4.3. Medical attention and special treatment

Note to physician : : Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

#### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Protective equipment for firefighters : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.  
Suitable packaging material : Carton

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## Safety Data Sheet

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### SECTION 8: Exposure controls and personal protection

#### 8.1. Control parameters - exposure standards

Manganese (7439-96-5)	
Australia - Occupational Exposure Limits	
Local name	Manganese (Manganese tetroxide)
OES TWA [1]	1 mg/m <sup>3</sup> (dust and fume)
OES STEL	3 mg/m <sup>3</sup> (fume)
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
Silver (7440-22-4)	
Australia - Occupational Exposure Limits	
Local name	Silver, metal
OES TWA [1]	0.1 mg/m <sup>3</sup>
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
Zirconium (7440-67-7)	
Australia - Occupational Exposure Limits	
OES TWA [1]	5 mg/m <sup>3</sup>
OES STEL	10 mg/m <sup>3</sup>
Silicon (7440-21-3)	
Australia - Occupational Exposure Limits	
Local name	Silicon
OES TWA [1]	10 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-inhalable dust)
Remark (AU)	(a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)

#### 8.2. Biological Monitoring

No additional information available

#### 8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

#### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment (EN 136/140/145)  
Environmental exposure controls : Avoid release to the environment.

### SECTION 9: Physical and chemical properties

Physical state : Solid  
Appearance : No data available  
Colour : No data available  
Odour : No data available  
Odour threshold : No data available  
pH : No data available  
pH solution : No data available

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Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Freezing point: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Flammability	: Not flammable
Vapour pressure	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Explosive properties	: No data available
Explosive limits	: Not applicable
Minimum ignition energy	: No data available
Fat solubility	: No data available

### SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Manganese (7439-96-5)

LD50 oral rat	9 g/kg
LC50 Inhalation - Rat	> 5.14 mg/l/4h

#### Silver (7440-22-4)

LC50 Inhalation - Rat	> 5.16 mg/l air Animal: rat, Guideline: OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class Method)
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#### Iron (7439-89-6)

LD50 oral rat	30 g/kg
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#### Silicon (7440-21-3)

LD50 oral rat	3160 mg/kg
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: 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

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### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

Iron (7439-89-6)	
LC50 - Other aquatic organisms [1]	106.3 mg/l Source: ECHA
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	> 10000 mg/l Test organisms (species): Daphnia magna

#### 12.2. Persistence and degradability

Silver (7440-22-4)	
Persistence and degradability	Not applicable to inorganic substances.

Iron (7439-89-6)	
Not rapidly degradable	

Silicon (7440-21-3)	
Not rapidly degradable	

#### 12.3. Bioaccumulative potential

Silver (7440-22-4)	
Bioaccumulative potential	Accumulation in organisms is not to be expected.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

### SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

ADG	IMDG	IATA
<b>14.1. UN number</b>		
Not regulated for transport	Not regulated for transport	Not regulated for transport
<b>14.2. UN Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated

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ADG	IMDG	IATA
<b>14.3. Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
Not regulated	Not regulated	Not regulated

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

#### Transport by road and rail

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS Inventory) status : Magnesium (CAS 7439-95-4)  
Zinc (CAS 7440-66-6)  
Manganese (CAS 7439-96-5)  
Silver (CAS 7440-22-4)  
Zirconium (CAS 7440-67-7)  
Iron (CAS 7439-89-6)  
Silicon (CAS 7440-21-3)

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 6/7/2023

Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.