

Address: 28, SHUANGYUAN ROAD  
CHENGYANG, QINGDAO, P.R. CHINA  
Tel: 0086-532-87719687  
Fax: 0086-532-87710987



## **QINGDAO MEIGAO CHEMICAL CO.,LTD.**

### **MATERIAL SAFETY DATA SHEET**

DATE OF ISSUE: 15/01/2016

MSDS NO.: 110515

#### **1、 IDENTIFICATION OF THE PRODUCT**

PRODUCT NAME : SILICA GEL

#### **MANUFACTURER/SUPPLIER IDENTIFICATION**

Company: Qingdao Meigao Chemical Co., Ltd.

28 Shuangyuan Road Chengyang Qingdao China

Homepage: [www.silica-gel.com](http://www.silica-gel.com)

Email: [makall@silica-gel.com.cn](mailto:makall@silica-gel.com.cn)

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#### **2、 COMPOSITION / INFORMATION ON INGREDIENTS**

CAS NO.: 7631-86-9

Description: Silica Gel,

Dangerous substance: Not Present

Appearance & Odor Dry granules, beads or powder

Specific Gravity 2.1

Solubility in Water Insoluble

PH (Only for liquid including water)

#### **3、 HAZARDS IDENTIFICATION**

Specific hazards for humans and environment

The product is very absorbent and may have a drying effect on skin and eyes.

Silicon Dioxide is synthetic amorphous silica not to be confused with dry saline silica .Epidemiological studies indicate low potential

From adverse health effects.





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### **4、 FIRST AID MEASURES**

After inhalation: Fresh air

Apply mouth-to-mouth resuscitation or mechanical ventilation if necessary.

After skin contact: Wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with plenty of water with the eyelid held wide open .Summon eye specialist.

### **5、 FIRE -FIGHTING MEASURES**

Extinguishing media: Media suitable for surrounding fire.

Other information:

Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

### **6、 ACCIDENTAL RELEASE MEASURES**

Person-related precautionary measures:

Avoid generation of dusts; do not inhale dusts. Avoid substance contact .Ensure supply of fresh air in enclosed rooms.

Environmental-protection measures:

Do not allow to enter sewerage system.

Procedures for cleaning/absorption:

Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts.

### **7、 HANDLING AND STORAGE**

Handling:

Work under hood. Do not inhale substance.

Storage:

Tightly closed in a well-ventilated place. Storage temperature: no restrictions.

Accessible only for authorized persons.

Tightly closed Dry .





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### **8、 EXPOSURE CONTROLS/PRESONEL PROTECTION**

General: See Handling

Other precautions: Avoid prolonged breathing of dust or contact with

Skin drying action of this material can cause irritation of mucous

Membranes of nose and throat & irritation of skin.

### **9、 PHYSICAL AND CHEMICAL PROPERTIES**

Form: White semitransparent and glass like

Odour: odourless

PH (50g/l water) (20c) 3.5-8

Melting point: not available

Boiling point: not available

Ignition temperature: not available

Flash point: not available

Melting Point 1708-1708C

Solubility water: Insoluble

### **10、 STABILITY AND REACTIVITY**

Conditions to be avoided no information available

Substances to be avoided halogen oxides, sodium / heat, xenon hexafluoride.

Hazardous decomposition products

No information available

### **11、 TOXICOLOGICL INFORMATION**

The product is non-toxic.





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### 12、 ECOLOGICAL INFORMATION

Silicon Dioxide is chemically and biological inert.

### 13、 DISPOSAL CONSIDERATIONS

Packaging:

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

### 14、 TRANSPORT INFORMATION

Not subject to transport regulations.

OCEAN(IMDG): Non-Regulated.

### 15、 REGULATORY INFORMATION

Labeling according to EC Directives

67/548/ EEC as last amended.

### 16、 OTHER INFORMATION

Reason for alteration

Change in supplement to physical/chemical parameters:

General update.

The applicable regulations and industrial hygiene standards have to be considered.

This information is provided in good faith, but without express or implied warranty.

Regional representation:

This information is given on the authorized Safety Data Sheet for your country.

