



- SILICA GEL

Address: 28 SHUANGYUAN ROAD
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QINGDAO MAKALL NEW MATERIALS CO.,LTD

MATERIAL SAFETY DATA SHEET

DATE OF ISSUE: 05/01/2026

MSDS NO.: 101925

1、 IDENTIFICATION OF THE PRODUCT

PRODUCT NAME : SILICA GEL

MANUFACTURER/SUPPLIER IDENTIFICATION

Company: QINGDAO MAKALL NEW MATERIALS CO.,LTD

28 Shuangyuan Road Chengyang Qingdao China

Homepage: www.silica-gel.com

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Tel: +86-532-87719687

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2、 COMPOSITION / INFORMATION ON INGREDIENTS

CAS NO.: 7631-86-9

Substance name: Silicon dioxide

Purity: 98-99.9% (Others are the moisture contained in the product, 0.1-2%)

Dangerous substance: Not Present

Appearance & Odor Dry white 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.

Silica gel 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 systems.

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.

12、 ECOLOGICAL INFORMATION

Silica gel is chemically and biological inert.





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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.

THIS CARGO IS NOT dangerous CARGO ,NO UN CLASS NO

This product is not hazardous under the applicable DOT, ICAO/IATA, or IMDG regulations.

IMDG/IMO: NOT REGULATED

15、 REGULATORY INFORMATION

Labeling according to EC Directive
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.

