

MATERIAL SAFETY DATA SHEET (MSDS)

DryGelWorld branded safety document for silica gel desiccant. Technical details are preserved from the supplied source MSDS; this layout is for clean customer-facing presentation.

1. Identification of the Substance/Preparation and Company

Product	Silica gel desiccant
Trade/source name	SHENULON INDUSTRIAL COMPANY LIMITED
DryGelWorld role	Distributor / customer-facing document owner
Supplier post address	NO.28, JINGKOU ROAD, LICANG DISTRICT
Place	Qingdao, China
Emergency telephone	86 86 18953219262
Creation date	02/01/2022
Expiry date	01/31/2027

2. Composition / Information on Ingredients

Description	Silica gel
Dangerous substance	None
Main ingredient	Silicon dioxide, 98.5%
CAS No.	7631-86-9
UN Identification No. / HS Code	28112210

3. Hazards Identification

Specific hazards	The product is very absorbent and may have a drying effect on skin and eyes. In contact with water, heat may develop, but burning of skin and mucous membrane is impossible.
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4. First-Aid Measures

After inhalation	Fresh air
After skin contact	Wash with water
After eye contact	Flush with water

5. Fire-Fighting Measures

Suitable extinguishing media	This material will not burn; use media appropriate for the surrounding fire.
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6. Accidental Release Measures

Personal precautions	Respiratory protection, eye protection
Methods for cleaning up	Sweep the spill area and avoid rising dust

7. Handling and Storage

Precautions for safe handling	Handle in air-tight container. Avoid freezing or exposing to the sun.
Measures to prevent fire/explosion	Not fired and explosion

8. Exposure Controls / Personal Protection

General	See section 7
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9. Physical and Chemical Properties

Appearance	Particle
Odor	Odorless
Boiling point	Not applicable
Melting point	1708-1718 deg C
Flash point	Not applicable
Solubility (water, 20 deg C)	Insoluble

10. Stability and Reactivity

Stability	The product is stable and inert.
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11. Toxicological Information

Toxicology	Non-toxic
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12. Ecological Information

Ecology	Silica gel is chemically and biologically inert.
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13. Disposal Considerations

Disposal	Landfill according to federal, state and local regulations
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14. Transport Information

IMO / IMDG	Not dangerous goods according to the IMO/IMDG transport regulations
IATA	Not regulated as a hazardous material

15. Regulatory Information

Classification	Silica gel is not a dangerous substance according to EEC Council Directive 67/548/EC (Classification, Packaging and Labeling of Dangerous Substances), as last amended.
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16. Other Information

Note	Applicable regulations and industrial hygiene standards have to be considered. The data is based on the present state of knowledge and experience, without a claim being made for completeness. The Safety Data Sheet describes the product only with regard to safety requirements. These data do not constitute a specification.
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