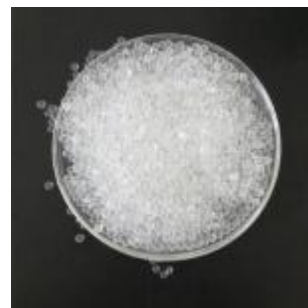


Type A Silica Gel

Type A silica gel is a transparent or translucent particle with chemical molecular formula $m\text{SiO}_2 \cdot n\text{H}_2\text{O}$. Insoluble in water and inorganic acids, soluble in hydrofluoric acid and strong caustic soda solutions. High mechanical strength, good wear resistance. average pore diameter 2.0-3.0nm, Surface Area 650-800 m^2/g , Pore Volume 0.35-0.45 ml/g .



Application

It is mainly used for drying and moistureproofing, may also be used as catalyst carriers, adsorbents, separators and variable-pressure adsorbents, etc.

Technical Specifications

Technical Specifications

Items		Indicators	
		spherical	blocky
Adsorption capacity %≥	RH20%	8	8
	RH50%	20	20
	RH90%	30	30
Bulk density	g/l	720	670
Loss on heating	≤%	5.0	5.0
SiO ₂	≥%	98	98
Particle size pass rate	≥%	90	
Note: Special requirements are subject to agreement			

Size: 1-3mm, 2-4mm, 3-5mm.

Packaging: Bags of 25kg or 500kg

CERTIFICATE OF ANALYSIS

Product:Silica Gel

Item		Lot&Result	
Size		3~5mm	
Qualified size ratio % \geq 90		95	
Adsorption Capacity(25℃)	RH20% \geq 8	9.21	
	RH50% \geq 20	21.89	
	RH90% \geq 30	33.46	
Loss on heating \leq 5%		3.46	
Color		White	
Bulk density g/L		730	
Appearance		Beads	
Execution standard		Conclusion	Qualified
QC:Yuyan Xu		Date:2025-5-12	



MATERIAL SAFETY DATA SHEET

SAFETY DATA SHEET

Date: May, 7.2021

PRODUCT: SILICA GEL

Trade name: Silica gel

1. Identification of the substance/preparation and of the company

1.1 Identification of the substance or preparation

Trade name: SILICA GEL/SILICA GEL DESICCANT

1.2 Company identification

Company	LIANYUNGANG CHEMSIZE INTERNATIONAL TRADING CO.,LTD
Postal Address	NO.8 HUIQUAN ROAD,ETDZ, LIANYUNGANG,JIANGSU,CHINA
Telephone	0086-518-82326257
Fax	0086-518-82326257
Emergency telephone	0086-13851265016

2. Composition/information on ingredients

Chemical characterization	Desiccant
Description	SILICA GEL
Dangerous substance	Not Present
CAS-No.	63231-67-4

* * UN-Identification No.(HS-Code) 2811221000

3. Hazards identification

Specific hazards for humans and environment:

The product is very absorbent and may have a drying effect on skin and eyes. In contact with water head Development but burning of the skin and mucous membrane is impossible.

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 Surrounding fire
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6. Accidental release measures

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

7. Handling and storage

7.1 Handling

Precautions for safe handling	Handling in air tight container, moisture-proof and waterproof
Measures to prevent fire-and Explosion	Not fired and explosion

8. Exposure controls/personal protection

General

See 7.1

Exposure limits

CAS-NO.	substance	kind	OEL
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	Silica Gel	Block particles	
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Personal protection

Respiratory protection

(X)When exceeding the “OEL”

Hand protection

(X)

9. Physical and chemical properties

Appearance

white/orange

Odor

Odorless

PH(50g/l water) (20°C)

4-8

Boiling point

Not applicable

Melting point

1708-1718 °C

Flash point

Not applicable

Solubility(water) 20°C

Insoluble

10. Stability and reactivity

The product is stable and inert

11. Toxicological information

Non-toxic

12. Ecological information

Silica gel is chemically and biological inert

13. Disposal considerations

Landfill according to federal, state and local regulations

14. Transport information

Not regulated by imo

15. Regulatory information

Is not a dangerous substance according to EEC Council Directive 67/548/EEC

(Classification, Packaging and Labeling of Dangerous Substances) as last amended

16. Other information

The 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 serves to describe the product only with regard to the product only with regard to the safety requirement.

These data do not constitute a specification.

THIS MSDS IS FOR REF.NO.2022.