

Material Safety Data Sheet:

Silica Gel Desiccant

*1 Product / Corporate Identity

Silica Gel Desiccant (Type A)

Application: Dehumidifying, moisture-proof

Wisesorbent Technology LLC

11 E Stow Rd, Marlton, NJ 08053, USA

+1 856-872-7713/7714 +1 800-272-5238

*2 Composition information

Silicon dioxide (SiO₂)

Weight percentage : >90%

CAS No.: 14808-60-7

Catalog No.: 231-545-4

Index No.: --

Hazard Mark: S22-S36-S37-S45-S53

Risk Term: R42-R43-R49

Water (H₂O)

Weight Percentage: ≤10%

CAS NO.: 7732-18-5

Index No.: --

Hazard Mark: Xn

EINECS No.: 215-185-5

Risk Term: R36/38

*3 Hazard Summary

No report or study shows that it is toxic to human body.

Powder may cause discomfort if contacts with eyes or enters into respiratory tract.

*4 Emergency Measure

Inhalation: Consult doctor immediately if feeling unwell.

Ingestion: Drink plenty of water; consult doctor immediately if feeling unwell.

Skin contact: Relevant information unavailable.

Eye contact: In case of contact with eyes, immediately rinse with water for at least 15 minutes; consult doctor if discomfort still exists.



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*5 Fire Protection Measure

Flammability: Product is nonflammable, but the packaging material may produce harmful substances in fire.
Fire extinguishing agent: No special fire extinguishing agent needed.

*6 Leak Preventive Measures

Protect human body against the harmful effects of the leakage:
Avoid contact with the leaked dust, or staying in the dusty environment.
See section 8 for personal protective measures.
Environmental Impact:
Nontoxic to the environment, no special protection needed.
Leaked Substance Cleaning: Clean the broken bag and leaked material; vacuum the leakage dust.

*7 Operation and Storage

Operation:
Safe Operation Information: Be aware of the effect of dust; comply with all the local regulations.
Fire and Explosion Prevention Information: None.

Storage:
Storage Condition: Do not store under high temperature and humid environment; store in a cool, dry place and sealed.
Do not pool any volatile substances, acid, alkali, and salt.

*8 Contact Controls / Personal Protection

Hand protection: Wear protective gloves; apply hand cream if necessary to prevent skin from being chapped.
Respiratory protection: No special protection needed, use anti dust mask when the bag is broken.
Eye protection: Protect eyes when there is broken bag.
Body protection: Wear appropriate protective clothing.
Engineering Control: General ventilation or local exhaust ventilation.



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*9 Physicochemical Property

Appearance: Spherical or irregular small particles

Color: Transparent, translucent

Odor: Odorless

PH Value: 4~8

Melting point: Not applicable

Flammability: Not combustible

Ignition Point: Not applicable

Bulk Density: $\geq 750\text{g/L}$

*10 Stability and Reactivity

Environment to be avoided: Unknown;

Substance to be avoided: Hydrofluoric acid;

Hazardous Decomposition Products: Unknown;

*11 Toxicological information

None toxicological information available.

Experience of use:

Contact with skin may cause skin dehydration and crack.

Dust inhalation may cause respiratory diseases.

*12 Ecological Information

No data

*13 Waste Disposal

If possible, please send the used silica gel desiccant back to manufacturer; product is reusable.

Waste disposal: Please consult local environment protection department for waste disposal or bury method.



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***14 Transportation information**

Cautions During Transportation:

Do not damage the package by pressing, falling and turning over.

Avoid sunlight and humidity in transit

***15 Applicable Law and Regulation**

None.

***16 Other Information**

None.

The data given here is based on current knowledge and experience. The Safety Data Sheet is designed to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.

2018-01-02

