

Material Safety Data Sheet

4A Molecular Sieve Desiccant

*1 Product / Corporate Identity

4A Molecular Sieve Desiccant
Application: Dehumidifying, moisture-proof

Wisesorbent Technology LLC
11 E Stow Rd, Marlton, NJ 08053, USA
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*2 Composition Information

Silicon Dioxide (SiO₂)

Weight Percentage : >42%

Index No.: --

Catalog No.: 231-545-4

CAS No.: 7631-86-9

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

Safety Term: R42-R43-R49

Aluminum Oxide(Al₂O₃)

Weight Percentage :> 36%

Index No.: --

Catalog No.: 215-691-6

CAS NO.: 1344-28-1

Hazard Mark: R36/37/38

Safety Term: S24/25

Sodium Oxide (Na₂O)

Weight Percentage :> 20%

Index No.: 235-641-7

Catalog No.: 215-185-5

CAS NO.: 1313-59-3

Hazard Mark: S8-S27-S39-S43-S45

Safety Term: R8-R14-R35

Water (H₂O)

Weight Percentage :≤ 2%

Index No.: --

Catalog No.: 231-791-2

CAS NO.: 7732-18-5

Hazard Mark: R36/38

Safety Term: S26

*3 Hazard Summarize

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.



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*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.

*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 Preventive Measures against Leakage

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 Control/ 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.



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*9 Physicochemical Property

Appearance: Circular or oval

Color: Brown or khaki

Odor: Odorless

PH Value: 8~11

Melting Point: Not applicable

Flammability: Nonflammable

Ignition Point: Not applicable

Bulk Density: 650~700g/L

*10 Stability and Reactivity

Environment to be avoided: Unknown

Substance to be avoided: Hydrofluoric acid

Hazardous decomposition products: Unknown

Note: None.

*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

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

*14 Transportation Information

Cautions During Transportation:

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

Avoid sunlight and humidity in the course of transportation



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***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.

2018-01-08

