

Material Safety Data Sheet: Humidity Control

*1 Product / Corporate Identity

Humidity Control

Application: Balance Humidity

Wisorbent Technology LLC

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*2 Composition Information

Silicon Dioxide ($m\text{SiO}_2 \cdot n\text{H}_2\text{O}$)

Weight percentage : > 30%

EINECS No.: 231-545-4

Hazard Mark: Xi

CAS No.: 7631-86-9

Index No.: --

Risk Term: R36/37

Calcium Salt (Ca^{2+})

Weight percentage : > 11%

EINECS No.: --

Hazard Mark: --

CAS No.:--

Index No.: --

Risk Term: --

Sodium Salt (Na^+)

Weight percentage : > 13%

EINECS No.: --

Hazard Mark: --

CAS No.:--

Index No.: --

Risk Term: --

Starch($\text{C}_6\text{H}_{10}\text{O}_5$)_n

Weight percentage : > 6%

EINECS No.: --

Hazard Mark: --

CAS No.: 9005-25-8

Index No.: --

Risk Term: --

Water H_2O

Weight Percentage : ≤ 40%

EINECS No.: 231-791-2

Hazard Mark:

CAS NO.: 7732-18-5

Index No.:

Risk Term: R36/38



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***3 Hazard Summary**

Invasive approach: inhalation, ingestion,

Health hazards: no data

Environmental hazards: unknown

Explosion hazard: no data

***4 Emergency Measure**

Skin contacts: Wash material off the skin with soap and water, consult doctor immediately if feeling pain.

Eye contact: In case of contact with eyes, immediately rinse with water for at least 10 minutes; consult doctor if discomfort still exists.

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

Inhalation: Remove victim to fresh air. If cough or other respiratory symptoms develop, consult medical personnel.

***5 Fire Protection Measure**

All carbonaceous materials will burn in a fire and activated carbon are not exception, Activated Carbon, however, are not highly flammable and burn slowly without producing smoke or flame.

Extinguishing methods and extinguishing agents: dry powder, foam, water spray, carbon dioxide.

***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.

***7 Operation and Storage**

Operation: None

Storage:

Storage Condition: Do not store under high temperature and humid environment; store in a cool, dry place and sealed.



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***8 Contact Control/ Personal Protection**

Respiratory Protection: When the dust concentration in the air is over the standard, operator must wear the self-inhalation filter type dust respirator.

Eye Protection: Wear safety goggles.

Body Protection: Wear protective clothing.

Hand Protection: Wear rubber gloves.

Other protection: Change work clothes regularly.

***9 Physicochemical Property**

Appearance: Bead particle

Color: White

Odor: None

Melting point: Not applicable

Inflammability: None-flammable

Ignite: Not applicable

Flash point: No Data

***10 Stability and Reactivity**

Stability: Stable under normal conditions.

Substance to be avoided: Strong heating

Hazardous decomposition products: Carbon oxygen compounds

Hazardous polymerization: None

***11 Toxicological information**

None toxicological information available.

***12 Ecological Information**

No data

***13 Waste Disposal**

Waste disposal: Activated carbon is not classified as a hazardous waste, if in any doubt, 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 purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.

2023-2-14

