Material Safety Data Sheet:
Orange Indicating Silica Gel Desiccant

*1   Product / Corporate Identity

Orange indicating silica gel Desiccant(color changes from orange to green after absorbing the moisture)

Application: Dehumidifying, moisture-proof

Protection Experts Australia
Gate 1/11-21 Forge Street, Blacktown NSW 2148, Australia
Tel: +61 (02) 9945 05933

*2   Composition Information

Silicon dioxide($mSiO_2.nH_2O$)
Weight percentage %: ≥90%   CAS No.: 7631-86-9
Catalog No.: 231-545-4   Index No.: --
Hazard Mark: S22-S36-S37-S45-S53   Caution Term : R42-R43-R49

Copper(Cu^{2+})
Weight percentage %: ≥1%   CAS No.:
Catalog No.: —   Index No.: --
Hazard Mark: —   Caution Term: —

Water(H_2O)
Weight Percentage: ≤ 9%   EINECS NO.: 215-185-5
EINECSNo.:   7732-18-5   Index No.:
Hazard   Mark: Risk Term:
Xn:Harmful

*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.

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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

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

Storage：
StorageCondition：Donotstoreunderhightemperatureandhumidenvironment;storeinacool,dryplace 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.

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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.

*9   Physicochemical Property

Appearance: Spherical or irregular small particles

Color: Orange spherical particles or irregular particles

Odor: Odorless

PH Value: 4~8

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.

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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 transit

*15   Applicable Law and Regulation

None.

*16   Other Information

None.

T: 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.

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