

Material Safety Data Sheet

Report No.: SHSX20241115001

Report Date: Nov. 15, 2024

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MSDS REPORT

PRODUCT NAME: Reusable Dehumidifier

MODEL: - DEH001, DEH002, DEH003, DEH004, DEH005,
DEH006

CUSTOMER NAME: Simply Brands (ASIA) Limited

UNIT ADDRESS: Unit 04-05, 16th Floor, The Broadway, No.
54-62 Lockhart Road, Wanchai, Hong Kong

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Preparation of Safety Data Sheet

Section 1-Chemical Product and Company Identification

Product Name: Reusable Dehumidifier

Company Identification: Simply Brands (ASIA) Limited

Add: Unit 04 – 05, 16th Floor, The Broadway, No. 54 – 62 Lockhart Road, Wanchai, Hong Kong

Contact: Ollie Page

Tel: +86 (0)769 8828 8882

E-mail: ollie@simply-brands.co.uk

Section 2-Hazards Identification

Hazard classification according to GHS: Not applicable.

Hazard pictograms: Not applicable.

Signal word: Not applicable.

Hazard statements: Not applicable.

Prevention: Not applicable.

Response: Not applicable.

Storage: Not applicable.

Disposal: Not applicable.

Physical and chemical hazards: Solid, toxic smoke/fumes in a fire.

Invasion route: Skin contact, eye contact, ingestion.

Health Hazards: The product would not cause any adverse health hazard under normal circumstances.

Environment hazards: Please refer to 12th chapter SDS.

Section 3-Composition/Information on Ingredients

Pure Admixture

Composition:

| Chemical Name | Composition (%) | CAS No. | EC No. |
|------------------|-----------------|-------------|-----------|
| SiO ₂ | >98 | 112926-00-8 | 231-545-4 |

Section 4-First Aid Measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

Skin touch: Wash off with soap and plenty of water. Consult a physician.

Eyes touch: Wash off with soap and plenty of water. Consult a physician.

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Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Protecting of first-aiders: Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

Section 5-Fire Fighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: Do not use columnar water.

Specific hazards arising from the substance or mixture: containers may explode when heated. May expansion or decompose explosively when heated or involved in fire. Slight fire hazard when exposed to heat or flame.

Advice for firefighters: As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved equivalent) and full protective gear. Fight fire from a safe distance, with adequate cover. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6-Accidental Release Measures

Personal Protection: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up: Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7-Handling and Storage

Precautions for Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

Precautions for Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8-Exposure Controls, Personal Protection

Occupational Exposure limit values: No information available.

Biological limit values: No information available.

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Monitoring Methods: EN14042 workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
GBZ/T160.1-GBZ/T160.81-2004 Determination of toxic substances in workplace air (Series standard).

Engineering controls: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Eyes protection: Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hands protection: Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection: Wear dust mask when handling large quantities.

Thermal hazards: No data available.

Section 9-Physical and Chemical Properties

Appearance: Solid

Colour: Translucent

Odor: No special odor

Odor threshold: No information available

PH: No information available

Melting point: 3500°C

Initial boiling point and boiling range: Not applicable

Flash point: No information available

Evaporation rate: Not applicable

Flammability: Not applicable

Upper /lower explosive limits [% (v/v)]: Upper limits: Not applicable;
lower limits: Not applicable.

Vapor pressure: Not applicable

Relative vapour density (Air =1): Not applicable

Relative density (Water =1): Not applicable

Solubility (mg/l): Soluble in water

N-octanol/water partition coefficient: No information available

Auto-ignition temperature (°C): No information available

Decomposition temperature (°C): No information available

Kinematic viscosity: Not applicable

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Section 10-Stability and Reactivity

Reactivity: contact with incompatible substances can cause decomposition or other chemical reactions.

Chemical Stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous Decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11-Toxicological Information

Acute toxicity: No information available

Carcinogenicity:

| ID | Cas No. | Component | IARC | NTP |
|----|-------------|------------|------------|------------|
| 1 | 112926-00-8 | Silica gel | Not listed | Not listed |

Skin corrosion/irritation: Based on available, the classification are not met.

Serious eye damage/ irritation: Based on available, the classification are not met.

Skin sensitization: Based on available, the classification are not met.

Respiratory sensitization: Based on available, the classification are not met.

Reproductive toxicity: Based on available, the classification are not met.

STOT- single exposure: Based on available, the classification are not met.

STOT-repeat exposure: Based on available, the classification are not met.

Aspiration hazard: Based on available, the classification are not met.

Germ cell mutagenicity: Based on available, the classification are not met.

Reproductive toxicity(additional): Based on available, the classification are not met.

Section 12-Ecological Information

Acute aquatic toxicity: No information available.

Chronic aquatic toxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility in soil: No information available.

Results of PBT and vPvB assessment:

| Component | Cas No. | Results of PBT and vPvB assessment (according to (EC) No 1907/2006) |
|------------|-------------|---|
| Silica gel | 112926-00-8 | Not PBT and vPvB |

Section 13-Disposal Considerations

Waste chemicals: Before disposal should refer to the relevant and local laws and regulation. Recommend the use of incineration disposal.

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Contaminated packaging: Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.

Disposal recommendations: Refer to section 13.

Section 14- Transport Information

Transporting Label: Not applicable.

IMDG-CODE: Not regulated for transport of dangerous goods.

ICAO/IATA-DG: Not regulated for transport of dangerous goods.

UN-ADR: Not regulated for transport of dangerous goods.

Section 15-Regulatory Information

International chemical inventory

| Chemical name | Common names and synonyms | CAS number | EC number |
|---|---------------------------|-------------|-------------|
| Silica gel | Silica gel | 112926-00-8 | 231-545-4 |
| European Inventory of Existing Commercial Chemical Substances (EINECS) | | | Not Listed. |
| EC Inventory | | | Not Listed. |
| United States Toxic Substances Control Act (TSCA) Inventory | | | Listed. |
| China Catalog of Hazardous chemicals 2015 | | | Not Listed. |
| New Zealand Inventory of Chemicals (NZIoC) | | | Listed. |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS) | | | Listed. |
| Vietnam National Chemical Inventory | | | Listed. |
| Chinese Chemical Inventory of Existing Chemical Substances (China IECSC) | | | Listed. |

Section 16-Additional Information

References: None.

Other information: The above information is based on the data of which we are aware and is believed to correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

*****End of Report*****