

Safety Data Sheet

1907/2006/EC, 1272/2008/EC



Printing date 20.03.2021

Revision: 20.03.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** DEHUMIDIFIER
- **CAS Number:**
10035-04-8
- **EC number:**
233-140-8
- **Index number:**
017-013-00-2
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:** HOUE USE
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / Supplier:** ZHUHAI HERMESIN ENTERPRISES CO.,LTD
- **Full address:**
ROOM 201,SECOND FLOOR,NO.104 , GUANGXIN ROAD, PINGSHA TOWN,ZHUHAI,CHINA
- **Phone number:** +86-0756-8605108
- **Email:** office02@hsunx.com; sara@hsunx.com; yin@hsunx.com
- **Only Representative / other EU contact point:** Not available
- **Further information obtainable from:** ZHUHAI HERMESIN ENTERPRISES CO.,LTD
- **1.4 Emergency telephone number:**
UNITED KINGDOM
National Poisons Information Service
Tel: +44 (0) 344 892 0111 (for healthcare professional)
+44 (0) 845 46 47 (in England or Wales)
+44 (0) 8454 24 24 24 (in Scotland)
+86-15820578998 Yin Taixing
- **1.5 Reference Number:** GZHL1901001463OT, CANHG1700720601

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
- 
GHS07
- Eye Irrit. 2 H319 Causes serious eye irritation.*
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of Regulation 1272/2008/EC.
- **Classification system:**
The classification is according to the latest edition of EU Regulation 1272/2008/EC, and extended by company and literature data.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms**
- 
GHS07
- **Signal word** Warning
- **Hazard statements**
H319 Causes serious eye irritation.

(Contd. on page 2)

Safety Data Sheet

1907/2006/EC, 1272/2008/EC

Printing date 20.03.2021

Revision: 20.03.2021

Trade name: **DEHUMIDIFIER**

(Contd. of page 1)

- **Precautionary statements**

- P101 *If medical advice is needed, have product container or label at hand.*
- P102 *Keep out of reach of children.*
- P103 *Read label before use.*
- P280 *Wear eye protection / face protection.*
- P264 *Wash thoroughly after handling.*
- P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
- P337+P313 *If eye irritation persists: Get medical advice/attention.*

- **2.3 Other hazards:**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Substances**

- **CAS No. Description**

10035-04-8 Calcium chloride dihydrate

- **Identification number(s)**

- **EC number:** 233-140-8

- **Index number:** 017-013-00-2

SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** If symptoms persist consult doctor.

- **4.2 Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

- **4.3 Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

CO₂ powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.

- **5.3 Advice for firefighters**

- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:** Not required.

- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.

(Contd. on page 3)

Safety Data Sheet

1907/2006/EC, 1272/2008/EC

Printing date 20.03.2021

Revision: 20.03.2021

Trade name: DEHUMIDIFIER

(Contd. of page 2)

- **6.4 Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling:** For the general occupational hygienic measures refer to Section 8.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s):** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **DNELs:** Not available
- **PNECs:** Not available
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.
- **Appropriate engineering controls:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
See Section 7 for information about design of technical facilities.
- **Personal protective equipment**
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
 - **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 4)

EU

Safety Data Sheet

1907/2006/EC, 1272/2008/EC

Printing date 20.03.2021

Revision: 20.03.2021

Trade name: DEHUMIDIFIER

(Contd. of page 3)

· **Eye protection:**

Tightly sealed goggles

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **Appearance**

· Form:	Solid
· Colour:	White
· Odour:	Odourless
· Odour threshold:	Not available

· **pH-value:** Not available· **Change in condition**

· Melting point/freezing point:	Not available
· Initial boiling point and boiling range:	Not available
· Freezing point:	Not available

· **Flash point:** Not available· **Flammability (solid, gas):** Not available· **Auto-Ignition temperature:** Not available· **Decomposition temperature:** Not available· **Auto-ignition temperature:** Product is not selfigniting.· **Explosive properties:** Product does not present an explosion hazard.· **Explosion limits**

· Lower:	Not available
· Upper:	Not available

· **Oxidizing properties:** Not available· **Vapour pressure:** Not available· **Density:** Not available· **Relative density:** Not available· **Vapour density:** Not available· **Evaporation rate:** Not available· **Solubility in / Miscibility with water:** Not available· **Partition coefficient: n-octanol/water:** Not available· **Viscosity**

· Dynamic:	Not available
· Kinematic:	Not available

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity:** Data not available

(Contd. on page 5)

Safety Data Sheet

1907/2006/EC, 1272/2008/EC

Printing date 20.03.2021

Revision: 20.03.2021

Trade name: DEHUMIDIFIER

(Contd. of page 4)

- **10.2 Chemical stability:** Data not available
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** Not available
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:**
Causes serious eye irritation.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

EU

(Contd. on page 6)

Safety Data Sheet

1907/2006/EC, 1272/2008/EC

Printing date 20.03.2021

Revision: 20.03.2021

Trade name: DEHUMIDIFIER

(Contd. of page 5)

SECTION 14: Transport information

· 14.1 UN-Number	
· ADR,RID,ADN, IMDG, IATA	Not applicable
· 14.2 UN proper shipping name	
· ADR,RID,ADN, IMDG, IATA	Not applicable
· 14.3 Transport hazard class(es)	
· ADR,RID,ADN, IMDG, IATA	
· Class	Not applicable
· Label	-
· 14.4 Packing group	
· ADR,RID,ADN, IMDG, IATA	Not applicable
· 14.5 Environmental hazards	
· Marine pollutant:	No
· 14.6 Special precautions for user:	Not applicable.
· Danger code (Kemler):	-
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
· 14.8 Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· MAK(German Maximum Workplace Concentration)

Substance is not listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I Substance is not listed.

· Seveso category Not applicable

· Qualifying quantity (tonnes) for the application of lower-tier requirements Not applicable

· Qualifying quantity (tonnes) for the application of upper-tier requirements Not applicable

· National regulations:

· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· Other regulations, limitations and prohibitive regulations

· SVHC Candidate List of REACH Regulation Annex XIV Authorisation (12/1/2017)

Substance is not listed.

· REACH Regulation Annex XVII Restriction (12/12/2016)

See Section 16 for information about restriction of use.

Substance is not listed.

· REACH Regulation Annex XIV Authorisation List (14/8/2014)

Substance is not listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

(Contd. on page 7)

Safety Data Sheet

1907/2006/EC, 1272/2008/EC

Printing date 20.03.2021

Revision: 20.03.2021

Trade name: DEHUMIDIFIER

(Contd. of page 6)

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reason, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

End of document

EU