

# Safety data sheet

according to 1907/2006/EC, Article 31

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Printing date 12.01.2022

Version number 1

Revision: 07.01.2022

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

- **1.1 Product identifier**
- **Trade name:** airdry Car-Dehumidifier
- **Product variants:**  
Air Dry 1 kg, Air Dry Twin Pack, airdry Car-Dehumidifier Classic, airdry DUO 2 x 600 g, airdry Classic Sonax Edition
- **UFI:** 8M00-Q0NC-W00R-FGRM
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Desiccant  
Dehumidifier
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
ThoMar OHG  
Basedower Weg 10  
D-21483 Lüttau  
Tel: +49(0)4153 55900 0  
Mail: sds@thomar.de
- **Informing department:**  
Tel: +49(0)4153 55900 0  
Fax: +49(0)4153 55900 99  
Mail: info@thomar.de
- **1.4 Emergency telephone number:**  
Phone: +49(0)4153 55900 50  
Mo-Th 8 - 16 h  
Fr 8 - 15 h

## 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.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning

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- **Hazard statements**  
H319 Causes serious eye irritation.
- **Precautionary statements**  
P102 Keep out of reach of children.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture consisting of the following components.

### · **Dangerous components:**

CAS: 10043-52-4 EINECS: 233-140-8 Reg.nr.: 01-2119494219-28-X	calcium chloride ⚠ Eye Irrit. 2, H319	10 - 25%
CAS: 9005-25-8 EINECS: 232-679-6	Starch substance with a Community workplace exposure limit	2.5 - 10%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** In case of persistent symptoms 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**  
The product itself does not burn.  
Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture**  
Can be released in case of fire:  
Hydrogen chloride (HCl)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear breathing protection if necessary.

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### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Avoid causing dust.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Collect mechanically.  
Send for recovery or disposal in suitable containers.
- **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 information on disposal.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Store in cool, dry place in tightly closed containers.  
Prevent formation of dust.  
Avoid contact with eyes and skin.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store under dry conditions.  
Protect from humidity and keep away from water.  
This product is hygroscopic.
- **7.3 Specific end use(s)** Car Dehumidifier

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

#### · Components with limit values that require monitoring at the workplace:

##### 9005-25-8 Starch

WEL (Great Britain)	Long-term value: 10* 4** mg/m <sup>3</sup> *total inhalable **respirable
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- **Additional information:** The lists that were valid during the compilation were used as basis.

#### · 8.2 Exposure controls

#### · Individual protection measures, such as personal protective equipment

#### · General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.

#### · Breathing equipment: Not required.

#### · Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

• **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.

• **For the permanent contact gloves made of the following materials are suitable:** Nitrile rubber, NBR

• **Eye/face protection** Where dusting potential exist, goggles should be worn.

## SECTION 9: Physical and chemical properties

• **9.1 Information on basic physical and chemical properties**

• **General Information**

• <b>Colour:</b>	Whitish
• <b>Odour:</b>	odourless
• <b>Odour threshold:</b>	Not determined.
• <b>Melting point/freezing point:</b>	~ 770 °C
• <b>Boiling point or initial boiling point and boiling range</b>	> 999 °C
• <b>Flammability</b>	Not applicable.
• <b>Flash point:</b>	Not applicable
• <b>Self-inflammability:</b>	Product is not selfigniting.
• <b>Decomposition temperature:</b>	Not determined.
• <b>SADT</b>	
• <b>pH at 20 °C</b>	10
• <b>Viscosity:</b>	
• <b>Kinematic viscosity</b>	Not applicable.
• <b>dynamic:</b>	Not applicable.
• <b>Solubility</b>	
• <b>Water:</b>	Insoluble
• <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
• <b>Vapour pressure:</b>	Not applicable.
• <b>Density and/or relative density</b>	
• <b>Density</b>	Not determined
• <b>Relative density</b>	Not determined.
• <b>Vapour density</b>	Not applicable.
• <b>Particle characteristics</b>	See item 3.

• **9.2 Other information**

• **Appearance:**

• **Form:** pouch

• **Important information on protection of health and environment, and on safety.**

• **Explosive properties:** Product is not explosive.

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· <b>VOC EU</b>	
· <b>Solids content:</b>	100 %
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not applicable.
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **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:**  
None in case of intended use and storage in compliance with instructions.

## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

### · **LD/LC50 values that are relevant for classification:**

#### **10043-52-4 calcium chloride**

Oral	LD50	2,301 mg/kg (rat) (OECD 401)
Dermal	LD50	> 5,000 mg/kg (rabbit)
Inhalative	LC50	> 0.16 mg/l/4h (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

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- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation** 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.
- **Additional toxicological information:**

### · Repeated dose toxicity

#### 10043-52-4 calcium chloride

Oral | NOAEL (28d) |  $\geq 1,000$  mg/kg bw/day (rat)

### · 11.2 Information on other hazards

#### · Endocrine disrupting properties

None of the ingredients is listed.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability**  
Anorganic product, is not eliminable from water by means of biological cleaning processes.
- **12.3 Bioaccumulative potential** Does not accumulate in organisms
- **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 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects** No further relevant information available.
- **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 bodies or sewage system.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Smaller quantities can be disposed with household waste.  
The waste code numbers mentioned are recommendations based on the probable use of the product.

### · European waste catalogue

06 00 00	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 08 00	wastes from the MFSU of silicon and silicon derivatives
06 08 99	wastes not otherwise specified

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

· 14.1 UN number or ID number	
· ADR/ADN, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	
· ADR/ADN, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR/ADN, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR/ADN, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· 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
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

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- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **National regulations**

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

- **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is contained.

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

## SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H319 Causes serious eye irritation.

- **Department issuing data specification sheet:**

► **DEKRA** This Safety Data Sheet has been drawn up in cooperation with:  
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,  
phone: (+49) 511 42079 - 0, reach@dekra.com.

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organisation  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)  
ADR: Accord relatif au transport international 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  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2