

# Safety Data Sheet



according to Regulation (EC) 1907/2006 (REACH) and  
Regulation (EU) 2015/830

Trade name: *Desi Dry, Silicagel, Desiccant, airdry Silica Gel*  
Revision date: *29.04.2022*  
Replaces version dated:\* *04.05.2021*  
Print date: *29.04.2022*

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

### 1.1 Product identifier

Trade name / designation:

*Desi Dry, Silicagel, Desiccant, airdry Silica Gel\**

Index No.: *Not applicable*  
EC No.: *Not applicable*  
CAS No.: *Not applicable*  
REACH No.: *Not applicable*  
Other means of identification: *Not applicable*

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: *Desiccant*  
Uses advised against: *Not intended use*

### 1.3 Details of the supplier of the safety data sheet

Name: *ThoMar OHG*  
Address: *Basedower Weg 10, DE - 21483 Lüttau*  
Information contact:  
Phone: *+49(0)4153-55900-00*  
Fax: *+49(0)4153-55900-99*  
E-Mail: *sds@thomar.de*

### 1.4 Emergency Telephone Number

Phone: *+49(0)4153-55900-50*  
Office hours: *Monday - Thursday: 08:00-17:00 / Friday: 08:00-16:00*  
Language: *German, English*

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]: *Not classified according to the CLP regulation*

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]: *Not applicable*  
Hazard pictograms: *Not applicable*  
Signal word: *Not applicable*  
Hazard components for labeling: *Not applicable*  
Hazard statements: *Not applicable*  
Precautionary statements: *Not applicable*  
  
*Not applicable*

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Additional labelling:

*Not applicable*

## 2.3 Other hazards

Information on whether the substance or mixture meets the  
criteria for PBT or vPvB

PBT: *Not applicable*

vPvB: *Not applicable*

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Substance name:

CAS No.: *Amorphous silicic acid (Siliciumdioxid)*

REACH No.: *7631-86-9*

Hazard impurities: *01-2119379499-16-XXXX*

### 3.2 Mixtures

*Not applicable*

Hazardous ingredients:

Content ration: *Not applicable*

CAS No.: *Not applicable*

REACH No.: *Not applicable*

Classification according to Regulation (EC) No 1272/2008  
[CLP]: *Not applicable*

*For the wording of the listed hazard warnings refer to section  
16.*

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

Following inhalation: *Supply fresh air; consult a doctor in case of pain.*

Following skin contact: *Wash the skin immediately with soap and water. Get medical  
attention if any discomfort continues*

Following eye contact: *Rinse opened eye. Get medical attention if any discomfort  
continues.*

Following ingestion: *Rinse mouth with water, do Not swallow, drink plenty of  
water (maximum of 2 glasses). Immediately consult a doctor.*

### 4.2 Most important symptoms and effects, both acute and delayed

*No further information available.*

### 4.3 Indication of any immediate medical attention and special treatment needed

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*No further information available.*

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: *According to surrounding fire.*

Unsuitable extinguishing media: *No further information available.*

### 5.2 Special hazards arising from the substance or mixture

*No further information available.*

### 5.3 Advice for fire-fighters

*No further information available.*

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

*Avoid generation of dusts, do not inhale dusts, avoid substance contact, ensure sufficient ventilation*

### 6.2 Environmental precautions

*Usual care in handling*

### 6.3 Methods and material for containment and cleaning up

*Pick up mechanically. Avoid any dust formation.*

### 6.4 Reference to other sections

*See section 7 for safe handling information.*

*See section 8 for information about personal protective equipment.*

*See section 13 for disposal information.*

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Fire preventions: *No particular measures are necessary when used properly.*

Aerosol and dust generation preventions: *Do not open/destroy the product*

Environmental precautions: *No particular measures are necessary when used properly.*

Advice on general occupational hygiene: *No particular measures are necessary when used properly.*

### 7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: *Store in dry condition*

Requirements for storage rooms and vessels: *Store in closed containers, this product is hygroscopic*

Storage class: *Not relevant\**

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## Specific end uses

industry- or sector-specific guidance : *No further information available.*

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limits and biological limit values:

*mg/m3: 4 E gem. TRGS 900 vom 07.06.2017*

### 8.2 Exposure controls

Appropriate engineering controls: *No further information available.*  
Personal protective equipment:  
Eye / Face protection: *Avoid skin contact, use eye protector if necessary.*  
Skin protection: *Avoid skin contact, use protective gloves if necessary.*  
Respiratory protection: *Avoid generation of dusts, use dust mask if necessary.*  
Thermal hazards: *Not necessary*  
Environmental exposure controls: *Not necessary*

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance (Form/Colour): *Granulate, white*  
Odour: *Odourless*  
Odour threshold: *Not determined*  
pH-value at 20 °C: *Not determined*  
Melting point/freezing point: *1610°C*  
Boiling point/Boiling range: *2230°C*  
Flash point: *Not applicable*  
Evaporation rate: *Not applicable*  
Flammability (solid, gaseous): *Not determined*  
Upper/lower flammability or explosive limits: *Not determined*  
Vapour pressure: *Not applicable*  
Vapour density: *Not applicable*  
Relative density: *Not determined*  
Solubility(ies): *Not soluble*  
Partition coefficient:  
n-octanol/water: *Not determined*

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Auto-ignition temperature: *Not determined*  
Decomposition temperature: *Not determined*  
Viscosity: *Not applicable*  
Explosive properties: *Not determined*  
Oxidising properties: *Not determined*

## 9.2 Other information

*No further information available.*

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

*No further information available.*

### 10.2 Chemical stability

*No decomposition if used according to specifications.*

### 10.3 Possibility of hazardous reactions

*No further information available.*

### 10.4 Conditions to avoid

*No further information available.*

### 10.5 Incompatible materials

*No further information available.*

### 10.6 Hazardous decomposition products

*None if instructions for storage and handling are followed*

## 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 that are relevant for classification:\* *7631-86-9 Silica Gel*

*Oral | LD50 | > 5.000 mg/kg (Ratte)*

*Dermal | LD50 | > 5.000 mg/kg (Kanninchen)*

*Inhalativ | LC50 | > 5,01 mg/l/4h (Ratte)*

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

Eye damage/irritation: *Based on available data, the classification criteria are not met.\**

Sensitisation to the respiratory tract/skin: *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.\**

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Reproductive toxicity: *Based on available data, the classification criteria are not met.\**

Specific target organ toxicity (single exposure): *Based on available data, the classification criteria are not met.\**

Specific target organ toxicity (repeated exposure): *Based on available data, the classification criteria are not met.\**

Irritation to respiratory tract: *Based on available data, the classification criteria are not met.\**

Symptoms related to the physical, chemical and toxicological characteristics: *No further information available.*

Additional toxicological information:\*  
    Repeated dose toxicity\* *No further information available.*

**11.2. Information on other hazards\***  
    Endocrine disrupting properties\* *None of the ingredients is listed.*

## SECTION 12: Ecological information

### 12.1 Toxicity

*No further information available.*

### 12.2 Persistence and degradability

*No further information available.*

### 12.3 Bioaccumulative potential

*No further information available.*

### 12.4 Mobility in soil

*No further 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 information available.\**

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product / Packaging disposal:

*Must be recycled or disposed of according to the regulations.*

Waste codes / waste designations according to EWC / AVV:

*06 08 99: wastes from the MFSU of silicon and silicon derivatives*

Waste treatment options:

*No further information available.*

Other disposal recommendations:

*No further information available.*

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## SECTION 14: Transport information

### 14.1 UN No.

*Void*

### 14.2 UN Proper shipping name

ADR/RID:

*Void\**

IMDG-Code / ICAO-TI / IATA-DGR:

*Void\**

### 14.3 Transport hazard class(es)

*Void\**

### 14.4 Packing group

*Not applicable*

### 14.5 Environmental hazards

Hazard label(s):

*Not applicable\**

### 14.6 Special precautions for user

*Not applicable\**

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

*Not applicable*

## SECTION 15: Regulatory information

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

EU regulations

*Not applicable*

### National regulations

Water hazard class:

*Not classified*

### 15.2 Chemical Safety Assessment:

*A Chemical Safety Assessment has not been carried out*

## SECTION 16: Other information

### 16.1 Indication of changes

*marked with an asterisk*

### 16.2 Abbreviations and acronyms:

ADR

*European Agreement concerning the International Carriage of  
Dangerous Goods by Road*

CAS

*Chemical Abstracts Service (division of the American Chemical  
Society)*

CLP

*Classification, Labelling and Packaging of Chemicals*

IATA-DGR

*International Air Transport Association*

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IBC-Code *International Code for the Construction and Equipment of  
Ships carrying Dangerous Chemicals in Bulk*  
ICAO-TI *Technical Instructions For The Safe Transport of Dangerous  
Goods by Air*  
IMDG *International Maritime Code for Dangerous Goods*  
LC50 *Lethal concentration, 50 percent*  
LD50 *Lethal dose, 50 percent*  
MARPOL *International Convention for the Prevention of Pollution from  
Ships*  
PBT/vPvB *Persistent, bioaccumulative and toxic /very persistent and  
very bioaccumulative*  
RID *Regulations Concerning the International Transport of  
Dangerous Goods by Rail*  
GisChem *<https://ssl.gischem.de/gemischrechner/index.htm>*

## 16.3 Key literature references and sources for data

*GisChem, Vendor data sheet*

## 16.4 Classification for mixtures and used evaluation method according to regulation (EC)

*GisChem, Vendor data sheet*

## 16.5 Relevant R-, H- and EUH-phrases (number and full text)

*Not applicable*

## 16.6 Training advice

*Not intended*

## 16.7 Further information