

Safety Data Sheet



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

Trade name: *Desi Dry orange, Silicagel orange*
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 orange, Silicagel orange

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.: *Silica gel orange, narrow pores*
REACH No.: *7631-86-9*
Hazard impurities: *01-2119379499-16-XXXX*

3.2 Mixtures

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, orange*
Odour: *Odourless*
Odour threshold: *Not determined*
pH-value at 20 °C: *Not determined*
Melting point/freezing point: *Not determined*
Boiling point/Boiling range: *Not determined*
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: *nicht selbstentzündlich*
Decomposition temperature: *Not determined*
Viscosity: *Not applicable*
Explosive properties: *None explosiven Eigenschaften bekannt*
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