## 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 | t de la construcción de la const |
| 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 Lütau   |
| 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<br>[CLP]:                 | Not classified according to the CLP regulation   |
| 2.2 Label elements   |  |
| Labelling according to Regulation (EC) No 1272/2008<br>[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



| Tude access   |  |
|---|--|
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| Additional labelling:                                     |  |
| 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  | Not applicable   |
| Hazardous ingredients:                                    |  |
| Content ration:   | Not applicable   |
| CAS No.:  | Not applicable   |
| REACH No.:  | Not applicable   |
| Classification according to Regulation (EC) No 1272/2008  | Not applicable   |
| [CLP]:  |  |
|   | For the wording of the listed beyond wornings refer to costion     |
|   | For the wording of the listed hazard warnings refer to section 16. |
|   | 10.  |
| SECTION 4: First aid measures                             |  |
| 4.1 Description of first aid measures                     |  |
| Following inhalation:                                     | Supply freh 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                                   |
|   | 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<br>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.  |
|  | The particular measures are necessary when asea property. |
| 7.2 Conditions for safe storage, including any<br>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: Personal protective equipment: Eye / Face protection: Skin protection: Respiratory protection: Thermal hazards: Environmental exposure controls: No further information available.

Avoid skin contact, use eye protector if necessary. Avoid skin contact, use protective gloves if necessary. Avoid generation of dusts, use dust mask if necessary. Not necessary 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:                        | Not determined    |
| n-octanol/water:                              | Not determined    |
|   |                   |



| Revision date: 29.04.2022<br>Replaces version dated:* 29.04.2022<br>Print date: 29.04.2022<br>Auto-ignition temperature: nicht selbstentzündlich<br>Decomposition temperature: Not determined<br>Viscosity: Not applicable<br>Explosive properties: None explosiven Eigenschaften bekannt<br>Oxidising properties: Not determined<br>9.2 Other information<br>No further information available.<br>SECTION 10: Stability and reactivity<br>10.1 Reactivity No further information available.<br>SECTION 10: Stability and reactivity<br>10.1 Reactivity No decomposition if used according to specifications.<br>10.3 Possibility of hazardous reactions<br>10.4 Conditions to avoid No further information available.<br>10.5 Incompatible materials No further information available.<br>10.6 Hazardous decomposition products No further information available.<br>10.6 Hazardous decomposition products No further information available.<br>10.6 Hazardous decomposition products No further information available.<br>11.1 Information on toxicological effects<br>Acute toxicity: Based on available data, the classification criteria are not met.*<br>12.1 LDSO 1> 5.000 mg/kg (Kanninchen)<br>Inholativ 1LCSO 1> 5.000 mg/kg ( |   |  |
|--|---|--|
| Replaces version dated:*       04.05.2021         Print date:       29.04.2022         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       No further information available.         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       No further information available.         11.1 Information on toxicological effects       Acute toxicity:         12.1 Information       Eased on available data, the classification criteria are not met.*         12.5 Jostion/irritation:       Based on available data, the classification criteria are not met.*         13.6 Cordination to toxicological effects       Acute toxicity:         14.1 Information on toxicological effects       Based on available data, the classification criteria are not met.*         15.4 Cordil Lisso 1 > 5.000 mg/kg (Raninchen)       In   | Trade name:   | Desi Dry orange, Silicagel orange                            |
| Print date: 29.04.2022 Auto-ignition temperature: nicht selbstentzündlich Decomposition temperature: Not determined Viscosity: Not determined Viscosity: Not determined Viscosity: Not determined 9.2 Other information 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 10.5 Incompatible materials No further information available. 10.6 Hazardous decomposition products No further information available. 10.6 Hazardous decomposition products No further information available. 10.6 Hazardous decomposition products No further information available. 10.7 Information on toxicological effects Acute toxicity: Based on available data, the classification criteria are not met.* Eve 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.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available d   | Revision date:  | 29.04.2022   |
| Auto-ignition temperature: Not determined<br>Nato-signition temperature: Not determined<br>Not determined<br>Not determined<br>9.2 Other information<br>No further information available.<br>SECTION 10: Stability and reactivity<br>10.1 Reactivity<br>10.2 Chemical stability<br>10.3 Possibility of hazardous reactions<br>10.4 Conditions to avoid<br>10.5 Incompatible materials<br>10.6 Hazardous decomposition products<br>SECTION 11: Toxicological information<br>11.1 Information on toxicological effects<br>Acute toxicity: Based on available data, the classification criteria are not<br>met.*<br>12.5 Josephanet for classification:*<br>Section 11: Stability for the classification criteria are not<br>met.*<br>Section to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Section to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Section to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Sensitisation to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Sensitisation to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Sensitisation to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Sensitisation to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Sensitisation to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Sensitisation to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Sensitisation to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Sensitisation to the respiratory tract/skin: Based on available data, the classification criteria are not<br>met.*<br>Section criteria are not<br>met.*<br>Section criteria are not<br>met.*<br>Section criteria are not<br>met.*                                       | Replaces version dated:*                              | 04.05.2021   |
| Decomposition temperature:       Not determined         Viscosity:       Not applicable         Explosive properties:       Non explosiven Eigenschaften bekannt         Oxidising properties:       Not determined         9.2 Other information       No further information available.         SECTION 10: Stability and reactivity       No further information available.         10.1 Reactivity       No decomposition if used according to specifications.         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       No further information available.         10.5 Incompatible materials       No further information available.         10.6 Hazardous decomposition products       No further information available.         11.1 Information on toxicological effects       Acute toxicity:         12.0 CSO values that are relevant for classification:*       Z631366-91lica Gel<br>Oral 1 LDSO 1> 5.000 mg/kg (Ranninchen)<br>Inhalativ 1 LCSO 1> 5.001 mg   | Print date:   | 29.04.2022   |
| Decomposition temperature:       Not determined         Viscosity:       Not applicable         Explosive properties:       Non explosiven Eigenschaften bekannt         Oxidising properties:       Not determined         9.2 Other information       No further information available.         SECTION 10: Stability and reactivity       No further information available.         10.1 Reactivity       No decomposition if used according to specifications.         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       No further information available.         10.5 Incompatible materials       No further information available.         10.6 Hazardous decomposition products       No further information available.         11.1 Information on toxicological effects       Acute toxicity:         12.0 CSO values that are relevant for classification:*       Z631366-91lica Gel<br>Oral 1 LDSO 1> 5.000 mg/kg (Ranninchen)<br>Inhalativ 1 LCSO 1> 5.001 mg   |   |  |
| Viscosity: Not applicable<br>Explosive properties: None explosiven Eigenschaften bekannt<br>Oxidising properties: Not determined<br>9.2 Other information<br>9.2 Other information<br>SECTION 10: Stability and reactivity<br>10.1 Reactivity No further information available.<br>SECTION 10: Stability and reactivity<br>10.2 Chemical stability No further information available.<br>10.3 Possibility of hazardous reactions No further information available.<br>10.4 Conditions to avoid<br>10.4 Conditions to avoid<br>10.5 Incompatible materials No further information available.<br>10.6 Hazardous decomposition products No further information available.<br>10.6 Hazardous decomposition products No further information available.<br>10.6 Hazardous decomposition products No further information available.<br>10.5 Incompatible materials No further information available.<br>10.6 Hazardous decomposition products No further information available.<br>10.5 Incompatible materials No further information available.<br>10.6 Hazardous decomposition products No further information available.<br>10.5 Incompatible materials No further information available.<br>10.6 Hazardous decomposition products None if instructions for storage and handling are followed<br>SECTION 11: Toxicological information<br>11.1 Information on toxicological effects<br>Acute toxicity: Based on available data, the classification criteria are not<br>met.*<br>Eye damage/irritation: Based on available data, the classification criteria are not<br>met.*<br>Eye damage/irritation: Based on available data, the classification criteria are not<br>met.*<br>Eye damage/irritation: Based on available data, the classification criteria are not<br>met.*<br>Eye damage/irritation: Based on available data, the classification criteria are not<br>met.*<br>Eye damage/irritation: Based on available data, the classification criteria are not<br>met.*<br>Eye damage/irritation: Based on available data, the classification criteria are not<br>met.*<br>Eye damage/irritation criteria are not<br>met.*<br>Eye damage/irritation criteria are not<br>met.*  | Auto-ignition temperature:                            | nicht selbstentzündlich                                      |
| Explosive properties:       None explosiven Eigenschaften bekannt         Oxidising properties:       Not determined         9.2 Other information       No further information available.         SECTION 10: Stability and reactivity       No further information available.         10.1 Reactivity       No decomposition if used according to specifications.         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       House and the classification criteria are not met.*         11.1 Information on toxicological effects       Based on available data, the classification criteria are not met.*         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.*  | Decomposition temperature:                            | Not determined   |
| Explosive properties:       None explosiven Eigenschaften bekannt         Oxidising properties:       Not determined         9.2 Other information       No further information available.         9.2 Other information       No further information available.         SECTION 10: Stability and reactivity       No decomposition if used according to specifications.         10.1 Reactivity       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       None if instructions for storage and handling are followed         SECTION 11: Toxicological effects       Acute toxicity:         LD/LC50 values that are relevant for classification:*       Based on available data, the classification criteria are not met.*         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   | Viscosity:  | Not applicable   |
| Oxidising properties:       Not determined         9.2 Other information       No further information available.         SECTION 10: Stability and reactivity       No further information available.         10.1 Reactivity       No decomposition if used according to specifications.         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       No further information available.         10.6 Hazardous decomposition products       No further information available.         11.1 Information on toxicological effects       None if instructions for storage and handling are followed         SECTION 11: Toxicological information       Tail-86-9 Silica Gel         11.1 Information on toxicological effects       Care in Silica Gel         Acute toxicity:       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 classi   | Explosive properties:                                 |  |
| Not determined         9.2 Other information         8.2 Other information         No further information available.         SECTION 10: Stability and reactivity         10.1 Reactivity         No further information available.         10.2 Chemical stability         10.3 Possibility of hazardous reactions         No further information available.         10.4 Conditions to avoid         10.5 Incompatible materials         10.6 Hazardous decomposition products         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 1 LD50 1 > 5.000 mg/kg (Kanninchen)         Inhalativ 1 LC50 1 > 5.010 mg/kg (Kanninchen)         Inhalativ 1 LC50 1 > 5.000 mg/kg (Kanninchen)         Inhalativ 1 LC50 1 > 5.000 mg/kg (Kanninchen)         Inhalativ 1 LD50 1 > 5.000 mg/kg (Kanninchen)         Inhal  |   |  |
| SECTION 10: Stability and reactivity 10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid 10.4 Conditions to avoid 10.5 Incompatible materials 10.6 Hazardous decomposition products 10.6 Hazardous decomposition products SECTION 11: Toxicological information 11.1 Information on toxicological effects Acute toxicity: 12.5 Values that are relevant for classification:* 13.6 Jased on available data, the classification criteria are not met.* 14.5 UP/LC50 values that are relevant for classification:* 15.6 UP or available data, the classification criteria are not met.* 15.7 Garange/irritation: 15.8 Based on available data, the classification criteria are not met.* 15.9 Germ cell mutagenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Germ cell mutagenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Germ cell mutagenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Germ cell mutagenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on available data, the classification criteria are not met.* 15.9 Carcinogenicity: 15.9 Based on avail   |   | Not determined   |
| 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. 10.4 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.* 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.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification crite   | 9.2 Other information                                 |  |
| 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. 10.4 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.* 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.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification criteria are not met.* Carcinogenicity: Based on available data, the classification crite   |   | No further information available.                            |
| 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       No further information available.         10.6 Hazardous decomposition products       None if instructions for storage and handling are followed         SECTION 11: Toxicological information       Sections for storage and handling are followed         SECTION 11: Toxicological effects       Acute toxicity:         Acute toxicity:       Based on available data, the classification criteria are not met.*         LD/LCSO values that are relevant for classification:*       T631-86-9 Silica Gel         Oral   LDSO   > 5.000 mg/kg (Katne)       Dermal   LDSO   > 5.000 mg/kg (Katne)         Dermal   LDSO   > 5.000 mg/kg (Katne)       Dermal   LDSO   > 5.000 mg/kg (Katne)         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.*   |   | - <b>j</b>   |
| 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       No further information available.         10.6 Hazardous decomposition products       None if instructions for storage and handling are followed         SECTION 11: Toxicological information       Sections for storage and handling are followed         SECTION 11: Toxicological effects       Acute toxicity:         Acute toxicity:       Based on available data, the classification criteria are not met.*         LD/LCSO values that are relevant for classification:*       T631-86-9 Silica Gel         Oral   LDSO   > 5.000 mg/kg (Katne)       Dermal   LDSO   > 5.000 mg/kg (Katne)         Dermal   LDSO   > 5.000 mg/kg (Katne)       Dermal   LDSO   > 5.000 mg/kg (Katne)         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.*   | SECTION 10: Stability and reactivity                  |  |
| No further information available.         10.2 Chemical stability         10.3 Possibility of hazardous reactions         No decomposition if used according to specifications.         10.4 Conditions to avoid         10.5 Incompatible materials         10.6 Hazardous decomposition products         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 1 LD50 1> 5.000 mg/kg (Kanninchen)         Inhalativ 1 LC50 1> 5.01 mg//4h (Ratte)         Based on available data, the classification criteria are not met.*         Eye damage/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.*         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.*         Gased on available data, the classification criteria are not met.*         Ga   |   |  |
| 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       None if instructions for storage and handling are followed         SECTION 11: Toxicological effects       Storage and handling are followed         Acute toxicity:       Based on available data, the classification criteria are not met.*         LD/LC50 values that are relevant for classification:*       Z631-86-9 Silica Gel         Oral 1 LD50 1 > 5.000 mg/kg (Kanninchen)       Inhalativ 1 LC50 1 > 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.*   |   | No further information available                             |
| 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 1 LD50 1 > 5.000 mg/kg (Ratte)         Dermal 1 LD50 1 > 5.000 mg/kg (Kanninchen)         Inhalativ 1 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.*         Garcinogenicity:       Based on available data, the classification criteria are not met.*    <   | 10.2 Chemical stability                               |  |
| 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:         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)         Inhaltiv   LC50   > 5,01 mg//4h (Ratte)       Based on available data, the classification criteria are not met.*         Eye damage/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.*   |   | No decomposition if used according to specifications         |
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| 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       None if instructions for storage and handling are followed         SECTION 11: Toxicological information       Based on available data, the classification criteria are not met.*         Acute toxicity:       Based on available data, the classification criteria are not met.*         LD/LC50 values that are relevant for classification:*       7531-86-9 Silica Gel         Oral 1 LD50 1 > 5.000 mg/kg (Ratte)       Dermal 1 LD50 1 > 5.000 mg/kg (Ratte)         Dermal 1 LD50 1 > 5.000 mg/kg (Kanninchen)       Inhalativ 1LC50 1 > 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.*         Garcinogenicity:       Based on available data, the classification criteria are not met.*   | to.5 Possibility of hazardous reactions               |  |
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| 10.6 Hazardous decomposition products       None if instructions for storage and handling are followed         SECTION 11: Toxicological information       Section 11: 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 1 LD50 1 > 5.000 mg/kg (Ratte)       Dermal 1 LD50 1 > 5.000 mg/kg (Kanninchen)         Inhalativ 1 LC50 1 > 5.01 mg/l/4h (Ratte)       Based on available data, the classification criteria are not met.*         Eye damage/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.*  | 10.5 Incompatible materials                           |  |
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| 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 1 LD50 1 > 5.000 mg/kg (Ratte)         Dermal 1 LD50 1 > 5.000 mg/kg (Kanninchen)         Inhalativ 1 LC50 1 > 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.*  |   | None if instructions for storage and handling are followed   |
| <b>11.1 Information on toxicological effects</b> Acute toxicity:       Based on available data, the classification criteria are not met.*         LD/LC50 values that are relevant for classification:* <b>7631-86-9 Silica Gel</b> Oral   LD50   > 5.000 mg/kg (Ratte)         Dermal   LD50   > 5.000 mg/kg (Kanninchen)         Inhalativ   LC50   > 5.010 mg/l/4h (Ratte)         Skin corrosion/irritation:         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.*  |   | ······ , ······ , ····· , ····                               |
| <b>11.1 Information on toxicological effects</b> Acute toxicity:       Based on available data, the classification criteria are not met.*         LD/LC50 values that are relevant for classification:* <b>7631-86-9 Silica Gel</b> Oral 1 LD50 1 > 5.000 mg/kg (Ratte)         Dermal 1 LD50 1 > 5.010 mg/kg (Kanninchen)         Inhalativ 1 LC50 1 > 5.01 mg/l/4h (Ratte)         Skin corrosion/irritation:         Skin corrosion/irritation:       Based on available data, the classification criteria are not met.*         Eye damage/irritation:         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.*         Sensitisation to the respiratory tract/skin:         Based on available data, the classification criteria are not met.*         Sense on available data, the classification criteria are not met.*         Sense on available data, the classification criteria are not met.*         Sense on available data, the classification criteria are not met.*         Sense on available data, the classification criteria are not met.*         Sased on available data, the classification criteria are not met.*         Sased on available data, the classification criteria are not met.*         Sased on available data, the classification criteria are not met.*         Sased on available data, the classification criteria are not met.*         Sased on available data, the classification criteria are not met.*         Sased on available data, the classification criteria are not met.*         Sased on available data, the classification criteria are not met.*         Sased on available data, the classification criteria are not met.*   | SECTION 11. Tovicological information                 |  |
| Acute toxicity:Based on available data, the classification criteria are not<br>met.*LD/LC50 values that are relevant for classification:*7631-86-9 Silica Gel<br>Oral 1 LD50 1 > 5.000 mg/kg (Ratte)<br>Dermal 1 LD50 1 > 5.000 mg/kg (Kanninchen)<br>Inhalativ 1 LC50 1 > 5.010 mg/l/4h (Ratte)Skin corrosion/irritation:Based on available data, the classification criteria are not<br>met.*Eye damage/irritation:Based on available data, the classification criteria are not<br>met.*Sensitisation to the respiratory tract/skin:Based on available data, the classification criteria are not<br>met.*Germ cell mutagenicity:Based on available data, the classification criteria are not<br>met.*Carcinogenicity:Based on available data, the classification criteria are not<br>met.*   |   |  |
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| Oral 1 LD50 1 > 5.000 mg/kg (Ratte)Dermal 1 LD50 1 > 5.000 mg/kg (Kanninchen)Inhalativ 1 LC50 1 > 5.01 mg/l/4h (Ratte)Skin corrosion/irritation:Based on available data, the classification criteria are not<br>met.*Eye damage/irritation:Based on available data, the classification criteria are not<br>met.*Sensitisation to the respiratory tract/skin:Based on available data, the classification criteria are not<br>met.*Germ cell mutagenicity:Based on available data, the classification criteria are not<br>met.*Carcinogenicity:Based on available data, the classification criteria are not<br>met.*   | ID/ICEO values that are relevant for classification.* |  |
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| met.*Germ cell mutagenicity:Based on available data, the classification criteria are not<br>met.*Carcinogenicity:Based on available data, the classification criteria are not  | Eye damage/irritation:                                |  |
| Germ cell mutagenicity:Based on available data, the classification criteria are not<br>met.*Carcinogenicity:Based on available data, the classification criteria are not   | Sensitisation to the respiratory tract/skin:          | -  |
| Carcinogenicity: Based on available data, the classification criteria are not  | Germ cell mutagenicity:                               | Based on available data, the classification criteria are not |
| , , ,  | Carcinogenicity                                       |  |
|  | caremogenicity.                                       | met.*  |

#### 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   |
|  |  |
| 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:*<br>Repeated dose toxicity*              | No further information available.  |
| <b>11.2. Information on other hazards*</b><br>Endocrine disrupting properties* | None of the ingredients is listed.   |
| SECTION 12: Ecological information   |  |
| 12.1 Toxicity  |  |
| 12.2 Persistence and degradability   | No further information available.  |
|  | 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.  |
| waste treatment options.   |  |

Other disposal recommendations:

No further information available.



| Trade name:              | Desi Dry orange, Silicagel orange |
|--------------------------|-----------------------------------|
| Revision date:           | 29.04.2022                        |
| Replaces version dated:* | 04.05.2021                        |
| Print date:              | 29.04.2022                        |

| 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 Envirommental 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:   | Nateleastical  |
|   | Not classified   |
|   |  |
| 15.2 Chemical Safety Assessment:  |  |
|   |  |
|   | A Chemical Safety Assessment has not been carried out  |
|   | A Chemical Safety Assessment has not been carried out  |
| SECTION 16: Other information   | A Chemical Safety Assessment has not been carried out  |
| SECTION 16: Other information<br>16.1 Indication of changes                                       | A Chemical Safety Assessment has not been carried out  |
|   | A Chemical Safety Assessment has not been carried out<br>marked with an asterisk   |
|   |  |
| 16.1 Indication of changes  |  |
| 16.1 Indication of changes<br>16.2 Abbreviations and acronyms:                                    | marked with an asterisk  |
| 16.1 Indication of changes<br>16.2 Abbreviations and acronyms:                                    | marked with an asterisk<br>European Agreement concerning the International Carriage of   |
| <ul><li>16.1 Indication of changes</li><li>16.2 Abbreviations and acronyms:</li><li>ADR</li></ul> | marked with an asterisk<br>European Agreement concerning the International Carriage of<br>Dangerous Goods by Road  |
| <ul><li>16.1 Indication of changes</li><li>16.2 Abbreviations and acronyms:</li><li>ADR</li></ul> | marked with an asterisk<br>European Agreement concerning the International Carriage of<br>Dangerous Goods by Road<br>Chemical Abstracts Service (division of the American Chemical |



| Trade name:   | Desi Dry orange, Silicagel orange                             |
|---|---|
| Revision date:  | 29.04.2022  |
| Replaces version dated:*                                    | 04.05.2021  |
| Print date:   | 29.04.2022  |
|   |   |
| 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                                    |   |