

## Safety Data Sheet - Silica Gel Orange

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2015/830

Trade name: Silicagel orange  
Version: 17.07.1  
Revision date: 24.07.2017  
Print date: 03.11.2017

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

#### 1.1 Product identifier

Trade name / designation: 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: CANADACO B.V. - DDC  
Address: Handelsstraat 38, 7482 GW Haaksbergen  
Information contact:  
Phone: +31 (0)85 888 1 222  
E-Mail: info@ddc.nl

#### 1.4 Emergency Telephone Number

Phone: +31 (0)85 888 1 222  
Office hours: Monday - Thursday: 09:00-17:00 / Friday: 09:00-16:00  
Language: Dutch, 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  
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  
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

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Substance name:	Not applicable
Index No.:	Not applicable
EC No.:	Not applicable
CAS No.:	Not applicable
REACH No.:	Not applicable
Hazard impurities:	Amorphous silicic acid (Siliciumdioxid)

#### 3.2 Mixtures

Hazardous ingredients:	>99%
Content ration:	60676-86-0
CAS No.:	Not applicable
EC No.:	Not applicable
Index No.:	Not classified according to the CLP regulation
Classification according to Regulation (EC) No 1272/2008 [CLP]:	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:	Remove victim to fresh air. Seek medical treatment in case of complaints.
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

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.

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### 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:

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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/m<sup>3</sup>: 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.

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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:	Not determined
n-octanol/water:	Not determined
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

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Acute toxicity:	No further information available.
Skin corrosion/irritation:	No further information available.
Eye damage/irritation:	Causes serious eye irritation
Sensitisation to the respiratory tract/skin:	No further information available.
Germ cell mutagenicity:	No further information available.
Carcinogenicity:	No further information available.
Reproductive toxicity:	No further information available.
Specific target organ toxicity (single exposure):	No further information available.
Specific target organ toxicity (repeated exposure):	No further information available.
Irritation to respiratory tract:	No further information available.
Symptoms related to the physical, chemical and toxicological characteristics:	No further information available.

### SECTION 12: Ecological information

<b>12.1 Toxicity</b>	No further information available.
<b>12.2 Persistence and degradability</b>	No further information available.
<b>12.3 Bioaccumulative potential</b>	No further information available.
<b>12.4 Mobility in soil</b>	No further information available.
<b>12.5 Results of PBT and vPvB assessment</b>	
PBT:	Not applicable
vPvB:	Not applicable
<b>12.6 Other adverse effects</b>	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

<b>14.1 UN No.</b>	Void
<b>14.2 UN Proper shipping name</b>	
ADR/RID:	Not classified
IMDG-Code / ICAO-TI / IATA-DGR:	Not classified
<b>14.3 Transport hazard class(es)</b>	Not classified
<b>14.4 Packing group</b>	Not relevant
<b>14.5 Environmental hazards</b>	
Hazard label(s):	None
<b>14.6 Special precautions for user</b>	None
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable

### SECTION 15: Regulatory information

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>EU regulations</b>	Not applicable
<b>National regulations</b>	
Water hazard class:	Not classified
<b>15.2 Chemical Safety Assessment:</b>	A Chemical Safety Assessment has not been carried out

### SECTION 16: Other information

<b>16.1 Indication of changes</b>	Complete revision
<b>16.2 Abbreviations and acronyms:</b>	
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	<a href="https://ssl.gischem.de/gemischrechner/index.htm">https://ssl.gischem.de/gemischrechner/index.htm</a>
<b>16.3 Key literature references and sources for data</b>	GisChem, Vendor data sheet
<b>16.4 Classification for mixtures and used evaluation method according to regulation (EC)</b>	GisChem, Vendor data sheet
<b>16.5 Relevant R-, H- and EUH-phrases (number and full text)</b>	Not applicable
<b>16.6 Training advice</b>	Not intended
<b>16.7 Further information</b>	None