

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 1/15

## Duftgranulat Fantastic

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

#### 1.1. Product identifier

Trade name/designation:

Duftgranulat Fantastic

Article No.:

312

UFI:

7YKN-8S1U-P4GC-1QJ6

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

Use of the substance/mixture:

Duftgranulat

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Otto Oehme GmbH

FEA

Industriestr. 20

90584 Allersberg

Germany

Telephone: 09176/98050

Telefax: 09176/980555

E-mail: Info@Oehme-Lorito.de

Website: www.Oehme-Lorito.de

#### 1.4. Emergency telephone number

No data available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	
Respiratory or skin sensitisation ( <i>Skin Sens. 1</i> )	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> )	H412: Harmful to aquatic life with long lasting effects.	

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS07

Exclamation mark

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 2/15

## Duftgranulat Fantastic

Signal word: Warning

### Hazard statements for health hazards

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

### Hazard statements for environmental hazards

H412	Harmful to aquatic life with long lasting effects.
------	--

### Precautionary statements Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
------	---

### Precautionary statements Response

P302 + P352	IF ON SKIN: Wash with plenty of water/Soap.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 101-86-0 EC No.: 202-983-3 REACH No.: 01-2119533092-50-XXXX	<b>alpha HEXYLZIMTALDEHYD</b> Aquatic Acute 1 (H400), Aquatic Chronic 2 (H411), Skin Sens. 1 (H317) Warning	2 - < 4 weight-%
CAS No.: 88-41-5 EC No.: 201-828-7 REACH No.: 01-2119970713-33-XXXX	<b>2-tert-butylcyclohexyl acetate</b> Aquatic Chronic 2 (H411) 	2 - ≤ 4 weight-%
CAS No.: 8000-41-7 EC No.: 232-268-1 REACH No.: 01-2119553062-49-XXXX	<b>Terpineol</b> Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) Warning	2 - < 4 weight-%
CAS No.: 60-12-8 EC No.: 200-456-2 REACH No.: 01-2119963921-31	<b>PHENYLETHYLALKOHOL</b> Acute Tox. 4 (H302), Eye Irrit. 2 (H319) Warning	2 - < 4 weight-%
EC No.: 915-730-3 REACH No.: 01-2119471851-35	<b>reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one</b> Aquatic Chronic 2 (H411), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) Warning	2 - < 4 weight-%
CAS No.: 32210-23-4 EC No.: 250-954-9 REACH No.: 01-2119976286-24	<b>4-tert-butylcyclohexyl acetate</b> Skin Sens. 1 (H317) Warning	2 - ≤ 3.5 weight-%
CAS No.: 78-70-6 EC No.: 201-134-4 REACH No.: 01-2119474016-42-XXXX	<b>linalool</b> Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) Warning	1 - < 3 weight-%

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 3/15

## Duftgranulat Fantastic

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 106-24-1 EC No.: 203-377-1 REACH No.: 01-2119552430-49-XXXX	<b>geraniol</b> Eye Dam. 1 (H318), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Danger	0 - < 1.47 weight-%
CAS No.: 106-22-9 EC No.: 203-375-0 REACH No.: 01-2119453995-23-XXXX	<b>citronellol</b> Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Warning	0 - ≤ 1.44935 weight-%
CAS No.: 106-25-2 EC No.: 203-378-7 REACH No.: 01-2119983244-33	<b>nerol</b> Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Warning	0 - < 1 weight-%
CAS No.: 101-84-8 EC No.: 202-981-2 REACH No.: 01-2119472545-33	<b>1,1'-Oxydibenzene</b> Aquatic Acute 1 (H400), Aquatic Chronic 3 (H412), Eye Irrit. 2 (H319) Warning M-factor (acute): 1	0 - < 1 weight-%
CAS No.: 2705-87-5 EC No.: 220-292-5 REACH No.: 01-2119976355-27	<b>ALLYLCYCLOHEXYLPROPIONAT</b> Acute Tox. 4 (H302, H312, H332), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Skin Sens. 1 (H317) Warning	0 - < 0.88 weight-%
CAS No.: 5989-27-5 EC No.: 227-813-5 Index No.: 601-096-00-2 REACH No.: 01-2119529223-47-XXXX	<b>(R)-p-mentha-1,8-diene</b> Aquatic Acute 1 (H400), Aquatic Chronic 3 (H412), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) Danger M-factor (acute): 1	0 - < 0.81 weight-%
CAS No.: 54464-57-2 EC No.: 259-174-3 REACH No.: 01-2119489989-04	<b>1-(1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one</b> Aquatic Chronic 2 (H411), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Warning	0 - < 0.35 weight-%
CAS No.: 5392-40-5 EC No.: 226-394-6 REACH No.: 01-2119462829-23-XXXX	<b>citral</b> Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Warning	0 - < 0.14 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Remove victim out of the danger area. Remove contaminated, saturated clothing.

#### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact:

If skin irritation or rash occurs: Get medical advice/attention. After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

#### After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Let 1 glass of water be drunken in little sips (dilution effect).

#### Self-protection of the first aider:

Use personal protection equipment.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 4/15

## Duftgranulat Fantastic

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

Serious eye damage/eye irritation Skin corrosion/irritation Allergic reactions

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Adjust to the environment Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media:

Full water jet

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

Non-flammable. In case of fire hazardous combustion gases or vapors possible The product itself does not burn.

#### Hazardous combustion products:

In case of fire: Gases/vapours, toxic

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Remove persons to safety. Avoid dust formation.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Personal protection equipment: see section 8

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For containment:

Collect spillage. Measures to prevent aerosol and dust generation Wet clean or vacuum up solids.

#### For cleaning up:

Water (with cleaning agent)

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

Wear personal protection equipment (refer to section 8).

##### Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 5/15

## Duftgranulat Fantastic

### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

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

#### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

**Storage class (TRGS 510, Germany):** 13 - Non-combustible solids that cannot be assigned to any of the above storage classes

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
HR from 12 Oct 2018	<b>1,1'-Oxydibenzene</b> CAS No.: 101-84-8 EC No.: 202-981-2	① 1 ppm (7 mg/m <sup>3</sup> ) ② 2 ppm (14 mg/m <sup>3</sup> )
IOELV (EU) from 21 Feb 2017	<b>1,1'-Oxydibenzene</b> CAS No.: 101-84-8 EC No.: 202-981-2	① 1 ppm (7 mg/m <sup>3</sup> ) ② 2 ppm (14 mg/m <sup>3</sup> )

#### 8.1.2. Biological limit values

No data available

#### 8.1.3. DNEL-/PNEC-values

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

If there is a risk of eye contact. Eye glasses with side protection EN 166

##### Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well.

##### Respiratory protection:

Usually no personal respirative protection necessary. Particle filter device (EN 143)

#### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state:** solid

**Colour:** white

**Odour:** scented

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 6/15

## Duftgranulat Fantastic

### Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	<i>not applicable</i>	
Melting point	<i>No data available</i>	
Freezing point	<i>No data available</i>	
Initial boiling point and boiling range	<i>No data available</i>	
Flash point	<i>not applicable</i>	
Evaporation rate	<i>No data available</i>	
Auto-ignition temperature	<i>not applicable</i>	
Vapour pressure	<i>No data available</i>	
Density	<i>No data available</i>	
Bulk density	<i>No data available</i>	
Water solubility	practically insoluble	

#### particle characteristics:

No data available

#### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients. The product itself does not burn.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

Avoid high temperatures or direct sunlight.

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>4-tert-butylcyclohexyl acetate</b> CAS No.: 32210-23-4 EC No.: 250-954-9
<b>LD<sub>50</sub> oral:</b> 3,770 mg/kg (Ratte) OECD 401
<b>LD<sub>50</sub> dermal:</b> 4,680 mg/kg (Kaninchen)
<b>2-tert-butylcyclohexyl acetate</b> CAS No.: 88-41-5 EC No.: 201-828-7
<b>LD<sub>50</sub> oral:</b> 684 mg/kg (rat)
<b>LD<sub>50</sub> dermal:</b> 1,300 mg/kg (rabbit)
<b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b> >26.76 mg/L 7 h (rat) OECD Guideline 403 (Acute Inhalation Toxicity)
<b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> 2.41 mg/L 4 h (rat)
<b>Terpineol</b> CAS No.: 8000-41-7 EC No.: 232-268-1
<b>LD<sub>50</sub> oral:</b> 4,300 mg/kg (Ratte) OECD 401
<b>LD<sub>50</sub> dermal:</b> 2,000 mg/kg (Ratte) OECD 402

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 7/15

## Duftgranulat Fantastic

<b>PHENYLETHYLALKOHOL</b> CAS No.: 60-12-8 EC No.: 200-456-2
<b>LD<sub>50</sub> oral:</b> ≥1,580 - ≤2,020 mg/kg (rat) refer to article
<b>LD<sub>50</sub> dermal:</b> 2,535 mg/kg (rabbit) OECD Guideline 402 (Acute Dermal Toxicity)
<b>linalool</b> CAS No.: 78-70-6 EC No.: 201-134-4
<b>LD<sub>50</sub> oral:</b> 2,790 mg/kg (rat)
<b>LD<sub>50</sub> dermal:</b> 5,610 mg/kg (rabbit)
<b>geraniol</b> CAS No.: 106-24-1 EC No.: 203-377-1
<b>LD<sub>50</sub> oral:</b> 3,600 mg/kg (rat)
<b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg (rabbit)
<b>citronellol</b> CAS No.: 106-22-9 EC No.: 203-375-0
<b>LD<sub>50</sub> oral:</b> 3,450 mg/kg (Ratte)
<b>LD<sub>50</sub> dermal:</b> 2,650 mg/kg (Kaninchen)
<b>nerol</b> CAS No.: 106-25-2 EC No.: 203-378-7
<b>LD<sub>50</sub> oral:</b> 4,500 mg/kg (rat) OECD Guideline 401 (Acute Oral Toxicity)
<b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg (rabbit) OECD Guideline 402 (Acute Dermal Toxicity)
<b>1,1'-Oxydibenzene</b> CAS No.: 101-84-8 EC No.: 202-981-2
<b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (rat) OECD Guideline 401 (Acute Oral Toxicity)
<b>ALLYLCYCLOHEXYLPROPIONAT</b> CAS No.: 2705-87-5 EC No.: 220-292-5
<b>LD<sub>50</sub> oral:</b> 380 mg/kg (guinea pig) OECD Guideline 401 (Acute Oral Toxicity)
<b>LD<sub>50</sub> dermal:</b> 1,600 mg/kg (rabbit) OECD Guideline 402 (Acute Dermal Toxicity)
<b>(R)-p-mentha-1,8-diene</b> CAS No.: 5989-27-5 EC No.: 227-813-5
<b>LD<sub>50</sub> oral:</b> 2,000 mg/kg (Ratte) OECD 423
<b>LD<sub>50</sub> dermal:</b> 5,000 mg/kg (Kaninchen)
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6
<b>LD<sub>50</sub> oral:</b> 1,424 mg/kg (mouse)
<b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (rat)

### Acute oral toxicity:

Based on available data, the classification criteria are not met.

### Acute dermal toxicity:

Based on available data, the classification criteria are not met.

### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

### Skin corrosion/irritation:

Causes skin irritation.

### Serious eye damage/irritation:

Causes serious eye irritation.

### Respiratory or skin sensitisation:

May cause an allergic skin reaction. Contains citral, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, ALLYLCYCLOHEXYLPROPIONAT, (R)-p-mentha-1,8-diene, nerol. May produce an allergic reaction.

### Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

### Carcinogenicity:

Based on available data, the classification criteria are not met.

### Reproductive toxicity:

Based on available data, the classification criteria are not met.

### STOT-single exposure:

Based on available data, the classification criteria are not met.

### STOT-repeated exposure:

Based on available data, the classification criteria are not met.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 8/15

## Duftgranulat Fantastic

### Aspiration hazard:

Based on available data, the classification criteria are not met.

### Additional information:

No data available

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>4-tert-butylcyclohexyl acetate</b> CAS No.: 32210-23-4 EC No.: 250-954-9
<b>LC<sub>50</sub></b> : 8.6 mg/L 4 d (fish, <i>Cyprinus carpio</i> ) EU Method C.1 (Acute Toxicity for Fish)
<b>EC<sub>50</sub></b> : 5.3 mg/L 2 d (crustaceans, <i>Daphnia magna</i> )
<b>EC<sub>50</sub></b> : 22 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) EU Method C.3 (Algal Inhibition test)
<b>NOEC</b> : 6.8 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) EU Method C.3 (Algal Inhibition test)
<b>2-tert-butylcyclohexyl acetate</b> CAS No.: 88-41-5 EC No.: 201-828-7
<b>LC<sub>50</sub></b> : 1,000 mg/L 2 d (crustaceans, <i>Gammarus pulex</i> )
<b>LC<sub>50</sub></b> : 4,555 mg/L 4 d (fish, <i>Pimephales promelas</i> ) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>EC<sub>50</sub></b> : 9,170 mg/L 2 d (Algae/water plant, <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i> ))
<b>EC<sub>50</sub></b> : 313.8 mg/L 4 d (Algae/water plant, <i>Skeletonema costatum</i> )
<b>EC<sub>50</sub></b> : 42.4 mg/L 4 d (crustaceans, <i>Americamysis bahia</i> (previous name: <i>Mysidopsis bahia</i> )) EPA OPPTS 850.1035 (Mysid Acute Toxicity Test)
<b>EC<sub>50</sub></b> : >100 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) EU Method C.3 (Algal Inhibition test)
<b>EC<sub>50</sub></b> : 69.2 mg/L 2 d (crustaceans, <i>Americamysis bahia</i> (previous name: <i>Mysidopsis bahia</i> )) EPA OPPTS 850.1035 (Mysid Acute Toxicity Test)
<b>NOEC</b> : 3.13 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) EU Method C.3 (Algal Inhibition test)
<b>NOEC</b> : <0.236 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 202 ( <i>Daphnia</i> sp. Acute Immobilisation Test)
<b>NOEC</b> : 1.82 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>NOEC</b> : 3.19 mg/L 21 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 211 ( <i>Daphnia magna</i> Reproduction Test)
<b>NOEC</b> : 118.4 mg/L 4 d (Algae/water plant, <i>Skeletonema costatum</i> )
<b>NOEC</b> : 1,150 mg/L 2 d (Algae/water plant, <i>Chlorella pyrenoidosa</i> )
<b>LOEC</b> : 4.85 mg/L 21 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 211 ( <i>Daphnia magna</i> Reproduction Test)
<b>LOEC</b> : 6.25 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) EU Method C.3 (Algal Inhibition test)
<b>Terpineol</b> CAS No.: 8000-41-7 EC No.: 232-268-1
<b>LC<sub>50</sub></b> : 70 mg/L 4 d (fish, Zebrafisch) OECD 203
<b>LC<sub>50</sub></b> : 73 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) OECD 202
<b>LC<sub>50</sub></b> : 68 mg/L 3 d (Algae/water plant, Grünalge) OECD 201
<b>PHENYLETHYLALKOHOL</b> CAS No.: 60-12-8 EC No.: 200-456-2
<b>LC<sub>50</sub></b> : >215 - <464 mg/L 4 d (fish, <i>Leuciscus idus</i> ) DIN 38 412
<b>EC<sub>50</sub></b> : 490 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) refer to article
<b>EC<sub>50</sub></b> : 287.17 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) refer to article
<b>NOEC</b> : 100 mg/L 4 d (fish, <i>Leuciscus idus</i> ) DIN 38 412



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 9/15

## Duftgranulat Fantastic

<b>linalool</b> CAS No.: 78-70-6 EC No.: 201-134-4
<b>LC<sub>50</sub></b> : 27.8 mg/L 2 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>LC<sub>50</sub></b> : 27.8 mg/L 3 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>LC<sub>50</sub></b> : 27.8 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>EC<sub>50</sub></b> : 88.3 mg/L 4 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) DIN 38412 L 9
<b>EC<sub>50</sub></b> : 59 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 202 ( <i>Daphnia</i> sp. Acute Immobilisation Test)
<b>EC<sub>50</sub></b> : 59 mg/L 2 d ( <i>Daphnia</i> )
<b>NOEC</b> : <3.5 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>NOEC</b> : 25 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 202 ( <i>Daphnia</i> sp. Acute Immobilisation Test)
<b>ErC<sub>50</sub></b> : 156.7 mg/L 4 d (Algae/water plant)
<b>geraniol</b> CAS No.: 106-24-1 EC No.: 203-377-1
<b>LC<sub>50</sub></b> : 22 mg/L 4 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i> )) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>EC<sub>50</sub></b> : 13.1 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) OECD Guideline 201 (Alga, Growth Inhibition Test)
<b>EC<sub>50</sub></b> : 10.8 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 202 ( <i>Daphnia</i> sp. Acute Immobilisation Test)
<b>NOEC</b> : 1 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) OECD Guideline 201 (Alga, Growth Inhibition Test)
<b>NOEC</b> : 10 mg/L 4 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i> )) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>citronellol</b> CAS No.: 106-22-9 EC No.: 203-375-0
<b>LC<sub>50</sub></b> : 14.66 mg/L 4 d (fish, <i>Leuciscus idus</i> ) German standard DIN 38 412, part L15.
<b>EC<sub>50</sub></b> : 2.4 mg/L 3 d (Algae/water plant)
<b>EC<sub>50</sub></b> : 17.48 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) EU Directive 79/831/EEC, Annex V, part C.
<b>NOEC</b> : 3.1 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) EU Directive 79/831/EEC, Annex V, part C.
<b>NOEC</b> : 4.6 mg/L 4 d (fish, <i>Leuciscus idus</i> ) German standard DIN 38 412, part L15.
<b>nerol</b> CAS No.: 106-25-2 EC No.: 203-378-7
<b>LC<sub>50</sub></b> : 20.3 mg/L 4 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i> )) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>EC<sub>50</sub></b> : 32.4 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 202 ( <i>Daphnia</i> sp. Acute Immobilisation Test)
<b>ErC<sub>50</sub></b> : 9.54 mg/L 3 d (Algae/water plant, <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i> )) OECD Guideline 201 (Alga, Growth Inhibition Test)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 10/15

## Duftgranulat Fantastic

**1,1'-Oxydibenzene** CAS No.: 101-84-8 EC No.: 202-981-2

**LC<sub>50</sub>**: 6 mg/L 2 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*))

**LC<sub>50</sub>**: 4.2 mg/L 4 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*))

**EC<sub>50</sub>**: 0.304 mg/L 3 d (Algae/water plant, *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*)) the Notice On the Test Method Concerning New Chemical Substances (Nov 21, 2003, No. 1121002, Pharmaceutical and Food Safety Bureau, MHLW, No.2, Manufacturing Industries Bureau, METI, No. 031121002, Environ Policy Bureau, MOE) -- Equivalent to OECD 201

**EC<sub>50</sub>**: 1.96 mg/L 2 d (crustaceans, *Daphnia magna*) the Notice On the Test Method Concerning New Chemical Substances (Nov 21, 2003, No. 1121002, Pharmaceutical and Food Safety Bureau, MHLW, No.2, Manufacturing Industries Bureau, METI, No. 031121002, Environ Policy Bureau, MOE) -- Equivalent to OECD 202

**NOEC**: 0.188 mg/L 3 d (Algae/water plant, *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*)) the Notice On the Test Method Concerning New Chemical Substances (Nov 21, 2003, No. 1121002, Pharmaceutical and Food Safety Bureau, MHLW, No.2, Manufacturing Industries Bureau, METI, No. 031121002, Environ Policy Bureau, MOE) -- Equivalent to OECD 201

**NOEC**: 3.2 mg/L 4 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*))

**NOEC**: 0.76 mg/L 1 d (crustaceans, *Daphnia magna*) the Notice On the Test Method Concerning New Chemical Substances (Nov 21, 2003, No. 1121002, Pharmaceutical and Food Safety Bureau, MHLW, No.2, Manufacturing Industries Bureau, METI, No. 031121002, Environ Policy Bureau, MOE) -- Equivalent to OECD 202

**NOEC**: 0.76 mg/L 2 d (crustaceans, *Daphnia magna*) the Notice On the Test Method Concerning New Chemical Substances (Nov 21, 2003, No. 1121002, Pharmaceutical and Food Safety Bureau, MHLW, No.2, Manufacturing Industries Bureau, METI, No. 031121002, Environ Policy Bureau, MOE) -- Equivalent to OECD 202

**ALLYLCYCLOHEXYLPROPIONAT** CAS No.: 2705-87-5 EC No.: 220-292-5

**LC<sub>50</sub>**: 0.13 mg/L 4 d (fish, *Pimephales promelas*)

**EC<sub>50</sub>**: 2.3 mg/L 4 d (Algae/water plant, *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*))

**EC<sub>50</sub>**: 2.1 mg/L 3 d (Algae/water plant, *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*))

**EC<sub>50</sub>**: 3.8 mg/L 2 d (crustaceans, *Daphnia magna*)

**NOEC**: 0.74 mg/L 4 d (Algae/water plant, *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*))

**NOEC**: 0.86 mg/L 2 d (crustaceans, *Daphnia magna*)

**NOEC**: 0.74 mg/L 3 d (Algae/water plant, *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*))

**(R)-p-mentha-1,8-diene** CAS No.: 5989-27-5 EC No.: 227-813-5

**LC<sub>50</sub>**: 0.46 mg/L 4 d (fish, *Danio rerio*, *Oncorhynchus mykiss*, *Lepomis macrochirus*, *Pimephales promelas*, *Oryzias latipes*, *Leuciscus idus*)

**LC<sub>50</sub>**: 7 mg/L

**EC<sub>50</sub>**: 0.25 mg/L 2 d (Algae/water plant, *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*))

**EC<sub>50</sub>**: 0.214 mg/L 3 d (Algae/water plant, *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*))

**EC<sub>50</sub>**: 0.688 mg/L 4 d (fish, *Pimephales promelas*) OECD Guideline 203 (Fish, Acute Toxicity Test)

**EC<sub>50</sub>**: 0.307 mg/L 2 d (crustaceans, *Daphnia magna*)

**NOEC**: 0.09 mg/L 2 d (Algae/water plant, *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*))

**NOEC**: 0.08 mg/L 28 d (fish, fish spp.) OECD Guideline 210 (Fish, Early-Life Stage Toxicity Test)

**NOEC**: 0.08 mg/L 21 d (crustaceans, *Daphnia magna*) OECD Guideline 211 (Daphnia magna Reproduction Test)

**ErC<sub>50</sub>**: 0.32 mg/L (Algae/water plant)

**LOEC**: 0.173 mg/L 21 d (crustaceans, *Daphnia magna*) OECD Guideline 211 (Daphnia magna Reproduction Test)

**LOEC**: 0.19 mg/L

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 11/15

## Duftgranulat Fantastic

<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6
<b>LC<sub>50</sub></b> : 6.78 mg/L 4 d (fish, <i>Leuciscus idus</i> ) German standard DIN 38412, part L
<b>EC<sub>50</sub></b> : 103.8 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) DIN 38412 L9
<b>EC<sub>50</sub></b> : 6.8 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) Directive 79/831 EWG, C2 annex V
<b>NOEC</b> : 4.6 mg/L 4 d (fish, <i>Leuciscus idus</i> ) German standard DIN 38412, part L

### Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

<b>4-tert-butylcyclohexyl acetate</b> CAS No.: 32210-23-4 EC No.: 250-954-9
<b>Biodegradation:</b> Yes, rapidly
<b>2-tert-butylcyclohexyl acetate</b> CAS No.: 88-41-5 EC No.: 201-828-7
<b>Biodegradation:</b> Yes, slowly
<b>PHENYLETHYLALKOHOL</b> CAS No.: 60-12-8 EC No.: 200-456-2
<b>Biodegradation:</b> Yes, rapidly
<b>linalool</b> CAS No.: 78-70-6 EC No.: 201-134-4
<b>Biodegradation:</b> Yes, rapidly
<b>geraniol</b> CAS No.: 106-24-1 EC No.: 203-377-1
<b>Biodegradation:</b> Yes, rapidly

### 12.3. Bioaccumulative potential

<b>4-tert-butylcyclohexyl acetate</b> CAS No.: 32210-23-4 EC No.: 250-954-9
<b>Log K<sub>ow</sub></b> : 4.8
<b>2-tert-butylcyclohexyl acetate</b> CAS No.: 88-41-5 EC No.: 201-828-7
<b>Log K<sub>ow</sub></b> : 2.39
<b>Bioconcentration factor (BCF):</b> 156
<b>PHENYLETHYLALKOHOL</b> CAS No.: 60-12-8 EC No.: 200-456-2
<b>Log K<sub>ow</sub></b> : 1.3
<b>linalool</b> CAS No.: 78-70-6 EC No.: 201-134-4
<b>Log K<sub>ow</sub></b> : 2.9
<b>geraniol</b> CAS No.: 106-24-1 EC No.: 203-377-1
<b>Log K<sub>ow</sub></b> : 2.6
<b>citronellol</b> CAS No.: 106-22-9 EC No.: 203-375-0
<b>Log K<sub>ow</sub></b> : 3.55
<b>nerol</b> CAS No.: 106-25-2 EC No.: 203-378-7
<b>Log K<sub>ow</sub></b> : 2.76
<b>1,1'-Oxydibenzene</b> CAS No.: 101-84-8 EC No.: 202-981-2
<b>Log K<sub>ow</sub></b> : 4.21
<b>ALLYLCYCLOHEXYLPROPIONAT</b> CAS No.: 2705-87-5 EC No.: 220-292-5
<b>Log K<sub>ow</sub></b> : 4.28
<b>(R)-p-mentha-1,8-diene</b> CAS No.: 5989-27-5 EC No.: 227-813-5
<b>Log K<sub>ow</sub></b> : 4.5
<b>Bioconcentration factor (BCF):</b> 32
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6
<b>Log K<sub>ow</sub></b> : 2.9
<b>Bioconcentration factor (BCF):</b> 89.72

### 12.4. Mobility in soil

No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 12/15

## Duftgranulat Fantastic

### 12.5. Results of PBT and vPvB assessment

<b>alpha HEXYLZIMTALDEHYD</b> CAS No.: 101-86-0 EC No.: 202-983-3
Results of PBT and vPvB assessment: —
<b>4-tert-butylcyclohexyl acetate</b> CAS No.: 32210-23-4 EC No.: 250-954-9
Results of PBT and vPvB assessment: —
<b>2-tert-butylcyclohexyl acetate</b> CAS No.: 88-41-5 EC No.: 201-828-7
Results of PBT and vPvB assessment: —
<b>Terpineol</b> CAS No.: 8000-41-7 EC No.: 232-268-1
Results of PBT and vPvB assessment: —
<b>PHENYLETHYLALKOHOL</b> CAS No.: 60-12-8 EC No.: 200-456-2
Results of PBT and vPvB assessment: —
<b>reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one</b> EC No.: 915-730-3
Results of PBT and vPvB assessment: —
<b>linalool</b> CAS No.: 78-70-6 EC No.: 201-134-4
Results of PBT and vPvB assessment: —
<b>geraniol</b> CAS No.: 106-24-1 EC No.: 203-377-1
Results of PBT and vPvB assessment: —
<b>citronellol</b> CAS No.: 106-22-9 EC No.: 203-375-0
Results of PBT and vPvB assessment: —
<b>nerol</b> CAS No.: 106-25-2 EC No.: 203-378-7
Results of PBT and vPvB assessment: —
<b>1,1'-Oxydibenzene</b> CAS No.: 101-84-8 EC No.: 202-981-2
Results of PBT and vPvB assessment: —
<b>ALLYLCYCLOHEXYLPROPIONAT</b> CAS No.: 2705-87-5 EC No.: 220-292-5
Results of PBT and vPvB assessment: —
<b>(R)-p-mentha-1,8-diene</b> CAS No.: 5989-27-5 EC No.: 227-813-5
Results of PBT and vPvB assessment: —
<b>1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one</b> CAS No.: 54464-57-2 EC No.: 259-174-3
Results of PBT and vPvB assessment: —
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6
Results of PBT and vPvB assessment: —

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

16 03 05 *	organic wastes containing hazardous substances
------------	--

\*: Evidence for disposal must be provided.

#### Waste treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 13/15

## Duftgranulat Fantastic

### SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available

### SECTION 15: Regulatory information

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

##### 15.1.1. EU legislation

###### Other regulations (EU):

Ingredients according to the Detergents Regulation 648/2004/EG:

Fragrances

##### 15.1.2. National regulations

No data available

#### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

No data available

#### 16.3. Key literature references and sources for data

Substance name	Type	source of supply
<b>1,1'-Oxydibenzene</b> CAS No.: 101-84-8 EC No.: 202-981-2	Classification of the substance or mixture; LD <sub>50</sub> oral; LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>2-tert-butylcyclohexyl acetate</b> CAS No.: 88-41-5 EC No.: 201-828-7	LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> Acute inhalation toxicity (vapour); LC <sub>50</sub> Acute inhalation toxicity (dust/mist); LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 28 Nov 2023

Print date: 28 Nov 2023

Version: 2



Page 14/15

## Duftgranulat Fantastic

Substance name	Type	source of supply
<b>PHENYLETHYLALKOHOL</b> CAS No.: 60-12-8 EC No.: 200-456-2	LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>geraniol</b> CAS No.: 106-24-1 EC No.: 203-377-1	LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>nerol</b> CAS No.: 106-25-2 EC No.: 203-378-7	LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> ; EC <sub>50</sub> ; ErC <sub>50</sub>	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>ALLYLCYCLOHEXYLPROPIONAT</b> CAS No.: 2705-87-5 EC No.: 220-292-5	LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>4-tert-butylcyclohexyl acetate</b> CAS No.: 32210-23-4 EC No.: 250-954-9	LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>linalool</b> CAS No.: 78-70-6 EC No.: 201-134-4	LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>citronellol</b> CAS No.: 106-22-9 EC No.: 203-375-0	LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>(R)-p-mentha-1,8-diene</b> CAS No.: 5989-27-5 EC No.: 227-813-5	LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	
Respiratory or skin sensitisation ( <i>Skin Sens. 1</i> )	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> )	H412: Harmful to aquatic life with long lasting effects.	

### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 28 Nov 2023

**Print date:** 28 Nov 2023

**Version:** 2



Page 15/15

## Duftgranulat Fantastic

### 16.6. Training advice

No data available

### 16.7. Additional information

The information is based on our current level of knowledge and is used to describe the product with regard to the safety precautions to be taken. They do not represent a guarantee of the properties of the product described.

It is the responsibility of the recipient of our product to observe existing laws and regulations.