

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 1/15

Duftgranulat Lemon

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

1.1. Product identifier

Trade name/designation:

Duftgranulat Lemon

Article No.:

310

UFI:

66F4-4GNN-6E9H-1D8K

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

No data available

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: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 2/15

Duftgranulat Lemon

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.
------	--

Supplemental hazard information

EUH208	Contains TERPINOLEN, citronellal, beta PINEN, (R)-p-mentha-1,8-diene, (±)-1,5-dimethyl-1-vinylhex-4-enyl acetate, alpha PINEN, geraniol, GERANIAL, 2-METHYLDECANAL, 2-methylundecanal. May produce an allergic reaction.
--------	--

Precautionary statements Response

P302 + P352	IF ON SKIN: Wash with plenty of water and 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.
P337 + P313	If eye irritation persists: 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.: 5392-40-5 EC No.: 226-394-6 REACH No.: 01-2119462829-23-XXXX	citral Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠ Warning	3 - ≤ 5.25 weight-%
CAS No.: 8000-41-7 EC No.: 232-282-8 REACH No.: 01-2119553062-49-XXXX	TERPINEOL Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) ⚠ Warning	1 - < 2.5 weight-%
CAS No.: 61792-11-8 EC No.: 263-214-5 REACH No.: 01-2119967769-11-XXXX	3,7-DIMETHYL-2,6-NONADIENNITRIL Aquatic Chronic 2 (H411) ⚠	1 - < 2.5 weight-%
CAS No.: 93893-89-1 EC No.: 299-682-2 REACH No.: 01-2120743785-44-XXXX	3-METHYL-5-PHENYL-2-PENTENNITRIL Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Skin Sens. 1A (H317) ⚠ Warning	1 - < 2.5 weight-%
CAS No.: 68039-49-6 EC No.: 268-264-1 REACH No.: 01-2119982384-28	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde Aquatic Chronic 2 (H411), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠ ⚠ Warning	1 - < 2.5 weight-%
CAS No.: 123-68-2 EC No.: 204-642-4 REACH No.: 01-2119983573-26-XXXX	ALLYL HEXANOATE Acute Tox. 3 (H301, H311, H331), Aquatic Acute 1 (H400), Aquatic Chronic 3 (H412) ⚠ ⚠ Danger	1 - < 2.5 weight-%
CAS No.: 18479-58-8 EC No.: 242-362-4 REACH No.: 01-2119457274-37-XXXX	2,6-dimethyloct-7-en-2-ol Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) ⚠ Warning	1 - ≤ 2.499975 weight-%

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 3/15

Duftgranulat Lemon

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 106-25-2 EC No.: 203-378-7 REACH No.: 01-2119983244-33	nerol Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠ Warning	1 - ≤ 2.499975 weight-%
CAS No.: 112-31-2 EC No.: 203-957-4 REACH No.: 01-2119967771-26-XXXX	decanal Aquatic Chronic 3 (H412), Eye Irrit. 2 (H319) ⚠ Warning	1 - ≤ 2.499975 weight-%
CAS No.: 101-86-0 EC No.: 202-983-3 REACH No.: 01-2119533092-50-XXXX	alpha HEXYLZIMTALDEHYD Aquatic Acute 1 (H400), Aquatic Chronic 2 (H411), Skin Sens. 1B (H317) ⚠⚠ Warning	0 - < 1.63 weight-%
CAS No.: 78-70-6 EC No.: 201-134-4 REACH No.: 01-2119474016-42-XXXX	3,7-Dimethyl octa-1,6-diene-3-ol Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠ Warning	0 - ≤ 1 weight-%
CAS No.: 5989-27-5 EC No.: 227-813-5 REACH No.: 01-2119529223-47-XXXX	(R)-p-mentha-1,8-diene 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	0 - ≤ 0.6 weight-%
CAS No.: 586-62-9 EC No.: 209-578-0 REACH No.: 01-2119982325-32-XXXX	TERPINOLEN Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), Skin Sens. 1B (H317) ⚠⚠⚠⚠ Danger	0 - < 0.25 weight-%
CAS No.: 106-24-1 EC No.: 203-377-1 REACH No.: 01-2119552430-49-XXXX	geraniol Eye Dam. 1 (H318), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) ⚠⚠ Danger	0 - < 0.25 weight-%
CAS No.: 52474-60-9 EC No.: 257-941-7	1-METHYL-3-(4-METHYL-3-PENTENYL)CYCLOHEX- 3-ENE-1-CARBALDEHYDE Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410) ⚠ Warning	0 - < 0.25 weight-%
CAS No.: 19009-56-4 EC No.: 242-745-6	2-METHYLDECANAL Aquatic Chronic 2 (H411), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠⚠ Warning	0 - < 0.25 weight-%
CAS No.: 99-85-4 EC No.: 202-794-6	gamma-TERPINEN Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), Repr. 2 (H361) ⚠⚠ Danger	0 - < 0.25 weight-%
CAS No.: 110-41-8 EC No.: 203-765-0 REACH No.: 01-2119969443-29-XXXX	2-methylundecanal Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠⚠ Warning	0 - < 0.25 weight-%
CAS No.: 80-56-8 EC No.: 201-291-9 REACH No.: 01-2119519223-49-XXXX	alpha PINEN Acute Tox. 4 (H302), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠⚠⚠⚠ Danger	0 - < 0.25 weight-%
CAS No.: 127-91-3 EC No.: 204-872-5 REACH No.: 01-2119519230-54-XXXX	beta PINEN Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) ⚠⚠⚠⚠ Danger	0 - < 0.25 weight-%
CAS No.: 22629-49-8 EC No.: 245-142-6	tridec-2-enenitrile Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410) ⚠ Warning	0 - < 0.25 weight-%

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 4/15

Duftgranulat Lemon

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 141-27-5 EC No.: 205-476-5	GERANIAL Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠ Warning	0 - ≤ 0.249975 weight-%
CAS No.: 106-23-0 EC No.: 203-376-6 REACH No.: 01-2119474900-37-XXXX	citronellal Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠ Warning	0 - ≤ 0.249975 weight-%
CAS No.: 115-95-7 EC No.: 204-116-4 REACH No.: 01-2119454789-19	(Å±)-1,5-dimethyl-1-vinylhex-4-enyl acetate Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1B (H317) ⚠ Warning	0 - ≤ 0.249975 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.

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

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

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.

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 5/15

Duftgranulat Lemon

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.

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

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 6/15

Duftgranulat Lemon

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: not determined

Odour: not determined

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	No data available	
Melting point	No data available	
Freezing point	No data available	
Initial boiling point and boiling range	No data available	
Evaporation rate	No data available	
Vapour pressure	No data available	
Density	No data available	
Bulk density	No data available	
Water solubility	No data available	

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.

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

No data available

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 7/15

Duftgranulat Lemon

SECTION 11: Toxicological information

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

citral CAS No.: 5392-40-5 EC No.: 226-394-6
LD₅₀ oral: 1,424 mg/kg (mouse)
LD₅₀ dermal: >2,000 mg/kg (rat)
2,6-dimethyloct-7-en-2-ol CAS No.: 18479-58-8 EC No.: 242-362-4
LD₅₀ oral: 3,020 mg/kg (rat)
TERPINEOL CAS No.: 8000-41-7 EC No.: 232-282-8
LD₅₀ oral: 4,300 mg/kg (Ratte) OECD 401
LD₅₀ dermal: 2,000 mg/kg (Ratte) OECD 402
nerol CAS No.: 106-25-2 EC No.: 203-378-7
LD₅₀ oral: 4,500 mg/kg (rat) OECD Guideline 401 (Acute Oral Toxicity)
LD₅₀ dermal: >5,000 mg/kg (rabbit) OECD Guideline 402 (Acute Dermal Toxicity)
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde CAS No.: 68039-49-6 EC No.: 268-264-1
LD₅₀ oral: >2,000 mg/kg (rat)
LD₅₀ dermal: >2,000 mg/kg (rat)
LC₅₀ Acute inhalation toxicity (vapour): >11.56 mg/L 7 h (rat) OECD Guideline 403 (Acute Inhalation Toxicity)
LC₅₀ Acute inhalation toxicity (dust/mist): >2.13 mg/L 4 h (rat)
ALLYL HEXANOATE CAS No.: 123-68-2 EC No.: 204-642-4
LD₅₀ oral: 218 mg/kg (rat) OECD Guideline 401 (Acute Oral Toxicity)
LD₅₀ dermal: 820 mg/kg (rabbit) OECD Guideline 402 (Acute Dermal Toxicity)
(R)-p-mentha-1,8-diene CAS No.: 5989-27-5 EC No.: 227-813-5
LD₅₀ oral: 2,000 mg/kg (Ratte) OECD 423
LD₅₀ dermal: 5,000 mg/kg (Kaninchen)
TERPINOLEN CAS No.: 586-62-9 EC No.: 209-578-0
LD₅₀ oral: >2,000 mg/kg (rat) OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD₅₀ dermal: >2,000 mg/kg (rat) OECD Guideline 402 (Acute Dermal Toxicity)
geraniol CAS No.: 106-24-1 EC No.: 203-377-1
LD₅₀ oral: 3,600 mg/kg (rat)
LD₅₀ dermal: >5,000 mg/kg (rabbit)
(±)-1,5-dimethyl-1-vinylhex-4-enyl acetate CAS No.: 115-95-7 EC No.: 204-116-4
LD₅₀ oral: >9,000 mg/kg (rat)
LD₅₀ dermal: >5,000 mg/kg (rabbit) Acute dermal toxicity study in rabbits. Three rabbits were used. Observations were made for mortality and toxic effects for a period of 14 days.
beta PINEN CAS No.: 127-91-3 EC No.: 204-872-5
LD₅₀ oral: 4,700 mg/kg

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.

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 8/15

Duftgranulat Lemon

Respiratory or skin sensitisation:

May cause an allergic skin reaction. Contains TERPINOLEN, citronellal, beta PINEN, alpha PINEN, (R)-p-mentha-1,8-diene, (±)-1,5-dimethyl-1-vinylhex-4-enyl acetate, geraniol, GERANIAL, 2-METHYLDECANAL, 2-methylundecanal. 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.

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

citral CAS No.: 5392-40-5 EC No.: 226-394-6
LC₅₀ : 6.78 mg/L 4 d (fish, <i>Leuciscus idus</i>) German standard DIN 38412, part L
EC₅₀ : 103.8 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>)) DIN 38412 L9
EC₅₀ : 6.8 mg/L 2 d (crustaceans, <i>Daphnia magna</i>) Directive 79/831 EWG, C2 annex V
NOEC : 4.6 mg/L 4 d (fish, <i>Leuciscus idus</i>) German standard DIN 38412, part L
2,6-dimethyloct-7-en-2-ol CAS No.: 18479-58-8 EC No.: 242-362-4
EC₅₀ : 65 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>))
EC₅₀ : 38 mg/L 2 d (crustaceans, <i>Daphnia magna</i>)
NOEC : 25 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>))
NOEC : 18 mg/L 1 d (crustaceans, <i>Daphnia magna</i>)
NOEC : 10 mg/L 2 d (crustaceans, <i>Daphnia magna</i>)
LOEC : 50 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>))
TERPINEOL CAS No.: 8000-41-7 EC No.: 232-282-8
LC₅₀ : 70 mg/L 4 d (fish, Zebrabärbling) OECD 203
LC₅₀ : 73 mg/L 2 d (crustaceans, <i>Daphnia Magna</i>) OECD 202
LC₅₀ : 68 mg/L 3 d (Algae/water plant, Grünalge) OECD 201
nerol CAS No.: 106-25-2 EC No.: 203-378-7
LC₅₀ : 20.3 mg/L 4 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>)) OECD Guideline 203 (Fish, Acute Toxicity Test)
EC₅₀ : 32.4 mg/L 2 d (crustaceans, <i>Daphnia magna</i>) OECD Guideline 202 (<i>Daphnia</i> sp. Acute Immobilisation Test)
ErC₅₀ : 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: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 9/15

Duftgranulat Lemon

decanal CAS No.: 112-31-2 EC No.: 203-957-4
LC₅₀ : 1.45 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>))
EC₅₀ : 1.79 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)
EC₅₀ : 1.17 mg/L 2 d (crustaceans, <i>Daphnia magna</i>)
NOEC : 0.759 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)
NOEC : 1.32 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>))
NOEC : 0.588 mg/L 2 d (crustaceans, <i>Daphnia magna</i>)
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde CAS No.: 68039-49-6 EC No.: 268-264-1
LC₅₀ : >0.0242 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>))
EC₅₀ : 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)
EC₅₀ : >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)
EC₅₀ : >69 mg/L 4 d (Algae/water plant, <i>Raphidocelis subcapitata</i> (previous names: <i>Pseudokirchneriella subcapitata</i> , <i>Selenastrum capricornutum</i>))
EC₅₀ : 0.0016 mg/L 2 d (crustaceans, <i>Daphnia magna</i>)
NOEC : 0.000032 mg/L 21 d (crustaceans, <i>Daphnia magna</i>) OECD Guideline 211 (<i>Daphnia magna</i> Reproduction Test)
NOEC : ≥0.025 mg/L 4 d (Algae/water plant, <i>Scenedesmus subspicatus</i>)
NOEC : 46 mg/L 2 d (crustaceans, <i>Daphnia magna</i>)
NOEC : 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)
NOEC : ≥0.0242 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>))
ErC₅₀ : >0.025 mg/L 4 d (Algae/water plant, <i>Scenedesmus subspicatus</i>)
LOEC : 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)
LOEC : 10 mg/L 2 d (crustaceans, <i>Daphnia magna</i>)
LOEC : 0.0001 mg/L 21 d (crustaceans, <i>Daphnia magna</i>) OECD Guideline 211 (<i>Daphnia magna</i> Reproduction Test)
LOEC : >0.025 mg/L 4 d (Algae/water plant, <i>Scenedesmus subspicatus</i>)
ALLYL HEXANOATE CAS No.: 123-68-2 EC No.: 204-642-4
LC₅₀ : 0.117 mg/L 2 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>)) OECD Guideline 203 (Fish, Acute Toxicity Test)
LC₅₀ : 0.117 mg/L 3 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>)) OECD Guideline 203 (Fish, Acute Toxicity Test)
LC₅₀ : 0.117 mg/L 4 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>)) OECD Guideline 203 (Fish, Acute Toxicity Test)
EC₅₀ : 0.778 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>))
EC₅₀ : 2 mg/L 2 d (crustaceans, <i>Daphnia magna</i>) EU Method C.2 (Acute Toxicity for <i>Daphnia</i>)
NOEC : 0.158 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>))
LOEC : 0.002 mg/L 3 d (Algae/water plant, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i>))

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 10/15

Duftgranulat Lemon

3,7-Dimethyl octa-1,6-diene-3-ol CAS No.: 78-70-6 EC No.: 201-134-4

LC₅₀: 27.8 mg/L 2 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

LC₅₀: 27.8 mg/L 3 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

LC₅₀: 27.8 mg/L 4 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

EC₅₀: 88.3 mg/L 4 d (Algae/water plant, *Desmodesmus subspicatus* (previous name: *Scenedesmus subspicatus*)) DIN 38412 L 9

EC₅₀: 59 mg/L 2 d (crustaceans, *Daphnia magna*) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

NOEC: <3.5 mg/L 4 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

NOEC: 25 mg/L 2 d (crustaceans, *Daphnia magna*) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

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

LC₅₀: 7 mg/L

LC₅₀: 0.46 mg/L 4 d (fish, *Danio rerio*, *Oncorhynchus mykiss*, *Lepomis macrochirus*, *Pimephales promelas*, *Oryzias latipes*, *Leuciscus idus*)

EC₅₀: 0.25 mg/L 2 d (Algae/water plant, *Raphidocelis subcapitata* (previous names: *Pseudokirchneriella subcapitata*, *Selenastrum capricornutum*))

EC₅₀: 0.214 mg/L 3 d (Algae/water plant, *Raphidocelis subcapitata* (previous names: *Pseudokirchneriella subcapitata*, *Selenastrum capricornutum*))

EC₅₀: 0.688 mg/L 4 d (fish, *Pimephales promelas*) OECD Guideline 203 (Fish, Acute Toxicity Test)

EC₅₀: 0.307 mg/L 2 d (crustaceans, *Daphnia magna*)

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

ErC₅₀: 0.32 mg/L (Algae/water plant)

LOEC: 0.19 mg/L

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

TERPINOLEN CAS No.: 586-62-9 EC No.: 209-578-0

LC₅₀: 0.805 mg/L 4 d (fish, *Danio rerio* (previous name: *Brachydanio rerio*))

EC₅₀: 0.302 mg/L 3 d (Algae/water plant, *Raphidocelis subcapitata* (previous names: *Pseudokirchneriella subcapitata*, *Selenastrum capricornutum*))

EC₅₀: 0.634 mg/L 2 d (crustaceans, *Daphnia magna*) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

geraniol CAS No.: 106-24-1 EC No.: 203-377-1

LC₅₀: 22 mg/L 4 d (fish, *Danio rerio* (previous name: *Brachydanio rerio*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

EC₅₀: 13.1 mg/L 3 d (Algae/water plant, *Desmodesmus subspicatus* (previous name: *Scenedesmus subspicatus*)) OECD Guideline 201 (Alga, Growth Inhibition Test)

EC₅₀: 10.8 mg/L 2 d (crustaceans, *Daphnia magna*) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

NOEC: 1 mg/L 3 d (Algae/water plant, *Desmodesmus subspicatus* (previous name: *Scenedesmus subspicatus*)) OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC: 10 mg/L 4 d (fish, *Danio rerio* (previous name: *Brachydanio rerio*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

(Ä±)-1,5-dimethyl-1-vinylhex-4-enyl acetate CAS No.: 115-95-7 EC No.: 204-116-4

LC₅₀: 11 mg/L 4 d (fish, *Cyprinus carpio*) OECD Guideline 203 (Fish, Acute Toxicity Test)

EC₅₀: 59 mg/L 2 d (crustaceans, *Daphnia magna*) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

NOEC: 25 mg/L 2 d (crustaceans, *Daphnia magna*) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 11/15

Duftgranulat Lemon

2-methylundecanal CAS No.: 110-41-8 EC No.: 203-765-0

LC₅₀: >0.46 mg/L 2 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

LC₅₀: 0.35 mg/L 3 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

LC₅₀: 0.35 mg/L 4 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

EC₅₀: 0.11 mg/L 3 d (Algae/water plant, *Raphidocelis subcapitata* (previous names: *Pseudokirchneriella subcapitata*, *Selenastrum capricornutum*)) OECD Guideline 201 (Alga, Growth Inhibition Test)

EC₅₀: 0.21 mg/L 2 d (crustaceans, *Daphnia magna*) OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

NOEC: 0.057 mg/L 3 d (Algae/water plant, *Raphidocelis subcapitata* (previous names: *Pseudokirchneriella subcapitata*, *Selenastrum capricornutum*)) OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC: 0.11 mg/L 4 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

NOEC: 0.053 mg/L 2 d (crustaceans, *Daphnia magna*) OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

NOEC: 0.033 mg/L 21 d (crustaceans, *Daphnia magna*)

LOEC: 0.059 mg/L 21 d (crustaceans, *Daphnia magna*)

alpha PINEN CAS No.: 80-56-8 EC No.: 201-291-9

LC₅₀: 0.303 mg/L 4 d (fish, *Danio rerio* (previous name: *Brachydanio rerio*)) OECD Guideline 203 (Fish, Acute Toxicity Test)

EC₅₀: 0.475 mg/L 2 d (crustaceans, *Daphnia magna*)

NOEC: 0.131 mg/L 2 d (Algae/water plant, *Raphidocelis subcapitata* (previous names: *Pseudokirchneriella subcapitata*, *Selenastrum capricornutum*))

Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

2,6-dimethyloct-7-en-2-ol CAS No.: 18479-58-8 EC No.: 242-362-4

Biodegradation: Yes, rapidly

geraniol CAS No.: 106-24-1 EC No.: 203-377-1

Biodegradation: Yes, rapidly

12.3. Bioaccumulative potential

citral CAS No.: 5392-40-5 EC No.: 226-394-6

Log K_{OW}: 2.9

Bioconcentration factor (BCF): 89.72

2,6-dimethyloct-7-en-2-ol CAS No.: 18479-58-8 EC No.: 242-362-4

Log K_{OW}: 3.25

nerol CAS No.: 106-25-2 EC No.: 203-378-7

Log K_{OW}: 2.76

decanal CAS No.: 112-31-2 EC No.: 203-957-4

Log K_{OW}: 3.8

2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde CAS No.: 68039-49-6 EC No.: 268-264-1

Log K_{OW}: 4.9

Bioconcentration factor (BCF): 1,033 Species: *Lepomis macrochirus*

ALLYL HEXANOATE CAS No.: 123-68-2 EC No.: 204-642-4

Log K_{OW}: 3.191

3,7-Dimethyl octa-1,6-diene-3-ol CAS No.: 78-70-6 EC No.: 201-134-4

Log K_{OW}: 2.9

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

Log K_{OW}: 4.5

Bioconcentration factor (BCF): 32

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 12/15

Duftgranulat Lemon

TERPINOLEN CAS No.: 586-62-9 EC No.: 209-578-0
Log K _{OW} : 4.33
geraniol CAS No.: 106-24-1 EC No.: 203-377-1
Log K _{OW} : 2.6
(Ä±)-1,5-dimethyl-1-vinylhex-4-enyl acetate CAS No.: 115-95-7 EC No.: 204-116-4
Log K _{OW} : 3.9
2-methylundecanal CAS No.: 110-41-8 EC No.: 203-765-0
Log K _{OW} : 4.9
alpha PINEN CAS No.: 80-56-8 EC No.: 201-291-9
Log K _{OW} : 4.42
beta PINEN CAS No.: 127-91-3 EC No.: 204-872-5
Log K _{OW} : 4.425

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

citral CAS No.: 5392-40-5 EC No.: 226-394-6
Results of PBT and vPvB assessment: —
2,6-dimethyloct-7-en-2-ol CAS No.: 18479-58-8 EC No.: 242-362-4
Results of PBT and vPvB assessment: —
TERPINEOL CAS No.: 8000-41-7 EC No.: 232-282-8
Results of PBT and vPvB assessment: —
3,7-DIMETHYL-2,6-NONADIENNITRIL CAS No.: 61792-11-8 EC No.: 263-214-5
Results of PBT and vPvB assessment: —
nerol CAS No.: 106-25-2 EC No.: 203-378-7
Results of PBT and vPvB assessment: —
decanal CAS No.: 112-31-2 EC No.: 203-957-4
Results of PBT and vPvB assessment: —
3-METHYL-5-PHENYL-2-PENTENNITRIL CAS No.: 93893-89-1 EC No.: 299-682-2
Results of PBT and vPvB assessment: —
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde CAS No.: 68039-49-6 EC No.: 268-264-1
Results of PBT and vPvB assessment: —
ALLYL HEXANOATE CAS No.: 123-68-2 EC No.: 204-642-4
Results of PBT and vPvB assessment: —
alpha HEXYLZIMALDEHYD CAS No.: 101-86-0 EC No.: 202-983-3
Results of PBT and vPvB assessment: —
3,7-Dimethyl octa-1,6-diene-3-ol CAS No.: 78-70-6 EC No.: 201-134-4
Results of PBT and vPvB assessment: —
(R)-p-mentha-1,8-diene CAS No.: 5989-27-5 EC No.: 227-813-5
Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
TERPINOLEN CAS No.: 586-62-9 EC No.: 209-578-0
Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
geraniol CAS No.: 106-24-1 EC No.: 203-377-1
Results of PBT and vPvB assessment: —
1-METHYL-3-(4-METHYL-3-PENTENYL)CYCLOHEX- 3-ENE-1-CARBALDEHYDE CAS No.: 52474-60-9 EC No.: 257-941-7
Results of PBT and vPvB assessment: —
GERANIAL CAS No.: 141-27-5 EC No.: 205-476-5
Results of PBT and vPvB assessment: —
2-METHYLDECANAL CAS No.: 19009-56-4 EC No.: 242-745-6
Results of PBT and vPvB assessment: —

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 13/15

Duftgranulat Lemon

citronellal CAS No.: 106-23-0 EC No.: 203-376-6
Results of PBT and vPvB assessment: —
gamma-TERPINEN CAS No.: 99-85-4 EC No.: 202-794-6
Results of PBT and vPvB assessment: —
(\hat{A}±)-1,5-dimethyl-1-vinylhex-4-enyl acetate CAS No.: 115-95-7 EC No.: 204-116-4
Results of PBT and vPvB assessment: —
2-methylundecanal CAS No.: 110-41-8 EC No.: 203-765-0
Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
alpha PINEN CAS No.: 80-56-8 EC No.: 201-291-9
Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
beta PINEN CAS No.: 127-91-3 EC No.: 204-872-5
Results of PBT and vPvB assessment: —
tridec-2-enenitrile CAS No.: 22629-49-8 EC No.: 245-142-6
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.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
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.
14.2. UN proper shipping name			
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.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 14/15

Duftgranulat Lemon

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
citral CAS No.: 5392-40-5 EC No.: 226-394-6	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ ; EC ₅₀ ; NOEC	Source: European Chemicals Agency, http://echa.europa.eu/
2,6-dimethyloct-7-en-2-ol CAS No.: 18479-58-8 EC No.: 242-362-4	LD ₅₀ oral; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/
nerol CAS No.: 106-25-2 EC No.: 203-378-7	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ ; EC ₅₀ ; ErC ₅₀	Source: European Chemicals Agency, http://echa.europa.eu/
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde CAS No.: 68039-49-6 EC No.: 268-264-1	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ Acute inhalation toxicity (vapour); LC ₅₀ Acute inhalation toxicity (dust/mist); LC ₅₀ ; EC ₅₀ ; NOEC; ErC ₅₀ ; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/
ALLYL HEXANOATE CAS No.: 123-68-2 EC No.: 204-642-4	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ ; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/
TERPINOLEN CAS No.: 586-62-9 EC No.: 209-578-0	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ ; EC ₅₀	Source: European Chemicals Agency, http://echa.europa.eu/
geraniol CAS No.: 106-24-1 EC No.: 203-377-1	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ ; EC ₅₀ ; NOEC	Source: European Chemicals Agency, http://echa.europa.eu/
(Ä±)-1,5-dimethyl-1-vinylhex-4-enyl acetate CAS No.: 115-95-7 EC No.: 204-116-4	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ ; EC ₅₀ ; NOEC	Source: European Chemicals Agency, http://echa.europa.eu/
decanal CAS No.: 112-31-2 EC No.: 203-957-4	LC ₅₀ ; EC ₅₀ ; NOEC	Source: European Chemicals Agency, http://echa.europa.eu/
3,7-Dimethyl octa-1,6-diene-3-ol CAS No.: 78-70-6 EC No.: 201-134-4	LC ₅₀ ; EC ₅₀ ; NOEC	Source: European Chemicals Agency, http://echa.europa.eu/
(R)-p-mentha-1,8-diene CAS No.: 5989-27-5 EC No.: 227-813-5	LC ₅₀ ; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/

SAFETY DATA SHEET

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

Revision date: 21 Dec 2022

Print date: 11 Mar 2024

Version: 1



Page 15/15

Duftgranulat Lemon

Substance name	Type	source of supply
2-methylundecanal CAS No.: 110-41-8 EC No.: 203-765-0	LC ₅₀ ; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/
alpha PINEN CAS No.: 80-56-8 EC No.: 201-291-9	LC ₅₀ ; EC ₅₀ ; NOEC	Source: European Chemicals Agency, http://echa.europa.eu/

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.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic 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.
H331	Toxic if inhaled.
H361	Suspected of damaging fertility or the unborn child.
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.

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.