

- Geomar Concept

Fragrance ingredients restricted as potential allergens in Geomar Concept candle perfume according to EU provision 1223/2009

Geomar Concept candle perfume item number: 15333-401-4

CAS#	Ingredient Name	Total % in fragrance (calculated) (Direct addition and indirect addition from naturals / synthetics)
100-51-6	BENZYL ALCOHOL	0,021
101-85-9	AMYL CINNAMYL ALCOHOL	-
101-86-0	HEXYL CINNAMAL	-
103-41-3	BENZYL CINNAMATE	-
104-54-1	CINNAMYL ALCOHOL	-
104-55-2	CINNAMAL	-
105-13-5	ANISE ALCOHOL	-
106-22-9	CITRONELLOL	1,074
106-24-1	GERANIOL	0,333
107-75-5	HYDROXYCITRONELLAL	1,172
111-12-6	METHYL 2-OCTYNOATE	-
118-58-1	BENZYL SALICYLATE	0,300
120-51-4	BENZYL BENZOATE	0,118
122-40-7	AMYL CINNAMAL	-
127-51-5	ALPHA-ISOMETHYL IONONE	1,159
31906-04-4	HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	-
4602-84-0	FARNESOL	-
5392-40-5	CITRAL	0,120
5989-27-5	D-LIMONENE	-
78-70-6	LINALOOL	2,107
80-54-6	BUTYLPHENYL METHYLPROPIONAL	-
90028-67-4	EVERNIA FURFURACEA (TREETMOSS) EXTRACT	-
90028-68-5	EVERNIA PRUNASTRI (OAKMOSS) EXTRACT	-
91-64-5	COUMARIN	0,011
97-53-0	EUGENOL	0,043
97-54-1	ISOEUGENOL	-

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4/27/2023

To whom it may concern

9/1/2023

Conformity declaration

We herewith confirm that the fragrance with item number 15333-401-4 complies with the requirements of the Code of Practice of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA-51, published 30 JUN 2023), provided it used in following application (class) at a maximum concentration level of:

Combined IFRA category (*)	Maximum level of use (%) (w/w)
Category 1	0,00
Category 2	0,85
Category 3	18,73
Category 4	17,03
Category 5A	4,42
Category 5B	4,42
Category 5C	4,42
Category 5D	4,42
Category 7A	35,76
Category 7B	35,76
Category 8	1,87
Category 9	34,06
Category 10A	66,49
Category 10B	100,00
Category 11A	15,34
Category 11B	15,34
Category 12	100,00

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ANNEX: Definition of IFRA categories

Finished product types

Children's toys // Lip products of all types (solid and liquid lipsticks, balms, clear or colored, etc....)	Category 1
Deodorant and antiperspirant products of all types including fragranced body sprays and body mists	Category 2
Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, etc....) // Women's make-up (Foundation) // Make-up removers of all types // Nose pore strips // Wipes or refreshing tissues for face, neck, hands, body // Body paint (for children and adults) // Facial masks (facial treatment)	Category 3
Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de toilette, Parfum, Eau de Cologne, solid perfume, fragrancng cream, Aftershave alcoholic etc....) // Fragranced bracelets // Ingredients of perfume kits and fragrance mixtures for cosmetic kits // Scent pads, Foil packs // Scent strips for hydroalcoholic products	Category 4
Body creams, oils, lotions of all types (except baby cream, lotion, oil) // Foot care products (creams & powders) // Insect repellent intended to be applied on the skin // All powders and talcs (except baby powders and talcs)	Category 5A
Facial creams, toner and moisturizers	Category 5B
Hand cream // Nail care products (including cuticle creams, etc....) // Hand sanitizers	Category 5C
Baby lotion, cream, oil, powder/talc	Category 5D
Mouthwash including breath sprays, tablets and strips // Toothpaste and toothpowder	Category 6
Rinse-off hair permanent or other hair chemical treatments (e.g. relaxers) including hair dyes	Category 7A
Hair sprays // Hair styling aids of all types (mousse, gels, leave in conditioners) // Dry shampoo or waterless shampoo // Hair deodorant // Leave on hair permanent or other hair chemical treatments (e.g. relaxers) including hair dyes	Category 7B
Intimate wipes // Tampons // Baby wipes // Wet toilet paper	Category 8
Bar soap // Shampoo // Face washes, gels, scrubs // Conditioner (rinse-off) // Liquid soap // Body wash and shower gels // Bath gels, foams, mousses, salts, oils // Baby wash, bath, shampoo // Footcare products (feet are placed in a bath for soaking) // Shaving creams // Depilatory (including facial) // Waxes for mechanical hair removal // Shampoos for pets	Category 9
Hand wash laundry detergent // Laundry pre-treatment (all types) // Hand dishwashing detergent // Hard surface cleaner (all types) // Machine laundry detergents with skin contact (e.g. liquids, powders) // Dry cleaning kits // Toilet seat wipes // Fabric softeners (liquids and dryer sheets) // Other household cleaning products (fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes (sprays and wipes), leather cleaning wipes, starch sprays, stain removers, fabric enhancing sprays, treatment products for textiles including deodorizer) // Floor wax // Fragranced oil for lamp rings, reed diffusers, potpourri, etc.... // Ironing water	Category 10A
Air fresheners sprays, including aerosol and pump // Insecticides aerosol or sprays // Sprays (of all types) applied to animals	Category 10B
Feminine hygiene conventional pads, interlabial pads // Feminine hygiene liners // Diapers (baby and adult) // Adult incontinence pant, pad Toilet paper (dry)	Category 11A
Tights with moisturizers // Scented socks, gloves // Facial tissues (dry tissues) // Napkins // Paper towels // Wheat bags // Fragranced facemasks (paper/protective, not intended for use as a medical device)	Category 11B
Air delivery systems // Air Fresheners and fragrancng of all types (excluding aerosols listed in category 10), e.g. plug-ins and enclosed liquid refills, solid substrate, membrane delivery, electrical, powders, fragrancng sachets, incense, air freshening crystals, automated sprays(including concentrated aerosols with metered doses [range 0.05-0.5 mL/spray]), closed air fresheners // Candles of all types (including encased) // Cat litter // Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) // Fuels //Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosol/spray // Joss sticks or incense sticks // Laundry detergents with minimal skin contact (e.g. pods) // Machine dishwash detergent and deodorizer // Paints // Plastic articles (excluding toys) // "Scratch and sniff" (sampling technology) // Scent pack // Scent delivery system using a dry air technology // Shoe polishes // Toilet blocks // Olfactive board games	Category 12

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

1.1 Product identifier

Item number/ Trade name	fragrance composition 15333-401-4
UFI	Honeysuckle 02 LF UEFC-S11E-Y00H-EXTQ

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

General use	Perfumes, fragrances, Formulation of fragranced products
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1.3 Details of the supplier of the safety data sheet

Company/undertaking identification Name	Geomar Concept
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.
Skin Sens. 1; H317 May cause an allergic skin reaction.

2.2 Label elements



Signal word	Warning
Nature of Hazard	GHS07 Exclamation mark
Hazard statements	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
Safety precautions	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Hazard components for labelling	Geranyl acetate 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one piperonal Geraniol Benzyl salicylate Nerol

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Citral
3-(4-isobutyl-2-methylphenyl)propanal
Methyl non-2-ynoate
delta-Damascone
Linalool
Hydroxycitronellal
Citronellol

Special provisions concerning the labelling of certain mixtures

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous ingredients

Geranylacetat: 0,1 % - 0,99 %
CAS-Nummer: 105-87-3
EINECS / ELINCS / NLP: 203-341-5
REACH-Registrierungsnr.: 01-2119973483-29
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-on: 0,1 % - 0,99 %
CAS-Nummer: 54464-57-2
EINECS / ELINCS / NLP: 259-174-3
REACH-Registrierungsnr.: 01-2119489989-04
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Aquatic Chronic 2 (M1); H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Piperonal: 0,1 % - 0,99 %
CAS-Nummer: 120-57-0
EINECS / ELINCS / NLP: 204-409-7
REACH-Registrierungsnr.: 01-2119983608-21
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Skin Sens. 1B; H317

Geraniol: 0,1 % - 0,99 %
CAS-Nummer: 106-24-1
EU-Indexnummer: 603-241-00-5
EINECS / ELINCS / NLP: 203-377-1
REACH-Registrierungsnr.: 01-2119552430-49
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Eye Dam. 1; H318 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

Benzylsalicylat: 0,1 % - 0,99 %
CAS-Nummer: 118-58-1
EU-Indexnummer: 607-754-00-5

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EINECS / ELINCS / NLP: 204-262-9
REACH-Registrierungsnr.: 01-2119969442-31
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Aquatic Chronic 3; H412 / Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Nerol: 0,1 % - 0,99 %
CAS-Nummer: 106-25-2
EINECS / ELINCS / NLP: 203-378-7
REACH-Registrierungsnr.: 01-2119983244-33
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Citral: 0,1 % - 0,99 %
CAS-Nummer: 5392-40-5
EU-Indexnummer: 605-019-00-3
EINECS / ELINCS / NLP: 226-394-6
REACH-Registrierungsnr.: 01-2119462829-23
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

3-(4-isobutyl-2-methylphenyl)propanal: 0,1 % - 0,99 %
CAS-Nummer: 1637294-12-2
EINECS / ELINCS / NLP: 811-285-3
REACH-Registrierungsnr.: 01-2120103156-71
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Acute Tox. 4; H332 / Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Methyl non-2-ynoate: 0,01 % - 0,09 %
CAS-Nummer: 111-80-8
EINECS / ELINCS / NLP: 203-909-2
REACH-Registrierungsnr.: 01-2120139912-55
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Acute Tox. 4; H302 / Aquatic Acute 1 (M1); H400 / Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

delta-Damascone: 0,01 % - 0,09 %
CAS-Nummer: 57378-68-4
EINECS / ELINCS / NLP: 260-709-8
REACH-Registrierungsnr.: 01-2119535122-53
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Acute Tox. 4; H302 / Aquatic Acute 1 (M1); H400 / Aquatic Chronic 1 (M1); H410 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

Benzylacetat: 10 % - 24,99 %
CAS-Nummer: 140-11-4
EINECS / ELINCS / NLP: 205-399-7
REACH-Registrierungsnr.: 01-2119638272-42
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Aquatic Chronic 3; H412

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2-Phenylethanol: 3 % - 9,99 %
CAS-Nummer: 60-12-8
EINECS / ELINCS / NLP: 200-456-2
REACH-Registrierungsnr.: 01-2119963921-31
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Acute Tox. 4; H302 / Eye Irrit. 2; H319

4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-on: 1 % - 2,49 %
CAS-Nummer: 14901-07-6
EINECS / ELINCS / NLP: 238-969-9
REACH-Registrierungsnr.: 01-2119449921-34-xxxx
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Aquatic Chronic 2; H411

Linalool: 1 % - 2,49 %
CAS-Nummer: 78-70-6
EU-Indexnummer: 603-235-00-2
EINECS / ELINCS / NLP: 201-134-4
REACH-Registrierungsnr.: 01-2119474016-42
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Methylionon: 1 % - 2,49 %
CAS-Nummer: 1335-46-2
EINECS / ELINCS / NLP: 215-635-0
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315

Hydroxycitronellal: 1 % - 2,49 %
CAS-Nummer: 107-75-5
EINECS / ELINCS / NLP: 203-518-7
REACH-Registrierungsnr.: 01-2119973482-31
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Citronellol: 1 % - 2,49 %
CAS-Nummer: 106-22-9
EINECS / ELINCS / NLP: 203-375-0
REACH-Registrierungsnr.: 01-2119453995-23
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Benzylbenzoat: 0,1 % - 0,99 %

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CAS-Nummer: 120-51-4
EU-Indexnummer: 607-085-00-9
EINECS / ELINCS / NLP: 204-402-9
REACH-Registrierungsnr.: 01-2119976371-33
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Acute Tox. 4; H302 / Aquatic Acute 1; H400 / Aquatic Chronic 2; H411

(E)-methyl non-2-enoate: 0,1 % - 0,99 %
CAS-Nummer: 111-79-5
EINECS / ELINCS / NLP: 203-908-7
REACH-Registrierungsnr.: 01-2120742168-53
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Aquatic Acute 1 (M1); H400 / Aquatic Chronic 2; H411

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Remove affected person from the danger area and lay down. Do not leave affected person unattended. Show this safety data sheet to the doctor in attendance.
In case of inhalation	If unconscious but breathing normally, place in recovery position and seek medical advice. Seek medical aid in case of troubles.
In case of skin contact	Thoroughly clean the contaminated area with water.
After eye contact	Remove contact lenses, if any. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently seek the immediate attention of an ophthalmologist.
After swallowing	Keep airway open. Never give anything by mouth to an unconscious person. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No data available

4.3 Indication of any immediate medical attention and special treatment needed

Information to physician No data available

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media dry extinguishing powder, Alcohol resistant foam , carbon dioxide , water mist

Extinguishing media which must not be used for safety reasons Full water jet

5.2 Special hazards arising from the substance or mixture

Possible combustion products May form dangerous gases and vapours in case of fire.

5.3 Advice for firefighters

Special protective equipment for firefighters Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information Do not allow water used to extinguish fire to enter drains, ground or waterways. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. If necessary notify appropriate authorities. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling Avoid exposure - obtain special instructions before use. Do not breathe vapours. Avoid contact with skin, eyes, and clothing. When using do not eat, drink, smoke, sniff. Ensure all waste water is collected and treated via a waste water treatment plant. Personal protection equipment: see section 8

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers Keep container tightly closed in a cool, well-ventilated place. Protect from light.

Storage class 10

7.3 Specific end use(s)

General use Perfumes, fragrances, Formulation of fragranced products

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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8.2 Exposure controls

Respiratory protection	Avoid exceeding WEL threshold levels. Respiratory protection must be worn whenever the WEL levels have been exceeded. Provide good ventilation and/or an exhaust system in the work area.
Hand protection	breakthrough time Short-term, accidental skin contact: Breakthrough time 10 min In case of prolonged or frequently repeated skin contact: If direct skin contact with the chemical is expected during work, then gloves conforming to EN 16523-1/ASTM F739 (or equivalent local standard) with a breakthrough time at least equal to the contact time must be worn. Breakthrough time: Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection	Use safety glasses conforming to EN 166/ANSI Z87.1 or equivalent local standards.
Body protection	Wear suitable protective clothing. When handling larger quantities: face protection, rubber boots and rubber apron.
General protection and hygiene measures	Avoid contact with skin, eyes, and clothing. After work, wash hands and face. When using do not eat, drink or smoke. Wash contaminated clothing prior to re-use.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	liquid
Colour	colourless up to light yellow
Odour	characteristic

Important health, safety and environmental information

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	68 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---	---		---
Vapour pressure	ber. 0,0394 hP	---	20 °C	---
Density and/or relative density	0,91734 g/cm ³	---	20 °C	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	---			

9.2 Other information

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SECTION 10: Stability and reactivity

10.1 Reactivity	No data available
10.2 Chemical stability	No data available
10.3 Possibility of hazardous reactions	Strong oxidizing agents
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	No data available
10.6 Hazardous decomposition products	No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General remarks

No data available

Toxicological tests: components

Geranyl acetate

oral	LD50	6330.0	mg/kg	-
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Rat

Toxicological tests: components

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

oral	LD50	5000.0	mg/kg	-
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Rat

dermal	LD50	5000.0	mg/kg	-
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Rabbit

Toxicological tests: components

piperonal

oral	LD50	2700.0	mg/kg	-
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Rat

dermal	LD50	5000.0	mg/kg	-
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Rat

Toxicological tests: components

Geraniol

oral	LD50	3600.0	mg/kg	-
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Rat

dermal	LD50	5000.0	mg/kg	-
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Rabbit

Toxicological tests: components

Benzyl salicylate

oral	LD50	2227.0	mg/kg	-
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Rat

dermal	LD50	14150.0	mg/kg	-
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Rabbit

Toxicological tests: components

Nerol

oral	LD50	4500.0	mg/kg	-
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Rat

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Toxicological tests: components

Citral

oral	LD50	4950.0	mg/kg	-
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Rat

dermal	LD50	2250.0	mg/kg	-
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Rabbit

Toxicological tests: components

Methyl non-2-ynoate

oral	LD50	1180.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

delta-Damascone

oral	LD50	1400.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

Benzyl acetate

oral	LD50	2490.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

2-Phenylethanol

oral	LD50	1610.0	mg/kg	-
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Rat

Toxicological tests: components

4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-on

oral	LD50	3940.0	mg/kg	-
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Rat

Toxicological tests: components

Linalool

oral	LD50	2790.0	mg/kg	-
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Rat

Toxicological tests: components

Hydroxycitronellal

oral	LD50	5888.0	mg/kg	-
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Rat

Toxicological tests: components

Citronellol

oral	LD50	3450.0	mg/kg	-
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Rat

dermal	LD50	2650.0	mg/kg	-
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Rabbit

Toxicological tests: components

Benzyl benzoate

oral	LD50	2000.0	mg/kg	-
------	------	--------	-------	---

Rat

dermal	LD50	4000.0	mg/kg	-
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Rabbit

Toxicological tests: components

(E)-methyl non-2-enoate

oral	LD50	5000.0	mg/kg	-
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Rat

dermal	LD50	5000.0	mg/kg	-
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Rabbit

11.2 Information on other hazards

Endocrine disrupting properties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

Further details

No data available

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

No data available

12.2 Persistence and degradability

Evaluation text

No data available

Degree of elimination

No data available

Analytical method

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

12.7 Other adverse effects

An environmental hazard cannot be ruled out in the event of improper handling or disposal. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation

Discharge into the environment must be avoided. Dispose of waste according to applicable legislation.

Package

Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG UNnot regulated

14.2 UN proper shipping name

Product designation: ADR/RID No dangerous good in sense of these transport regulations.

Proper shipping name: IATA-DGR ---

Proper shipping name: IMDG ---

14.3 Transport hazard class(es)

Class ADR/RID ---

Classification code ---

ADR/RID

Class IATA-DGR ---

Subrisk IATA-DGR ---

Class IMDG ---

Subrisk IMDG ---

14.4 Packing group

ADR, IATA, IMDG ---

14.5 Environmental hazards

Marine Pollutant - IMDG ---

EmS ---

Stowage and segregation ---

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

Additional information

EQ ---

Limited quantities ---

Special Provisions ---

Tunnel restriction ---

Transport category ---

Kemmler-number ---

No dangerous good in sense of these transport regulations.

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SECTION 15: Regulatory information

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

National regulations

Europe

Germany

Storage class	10
Water Hazard Class	2 deutlich wassergefährdend
Major Accident Ordinance (12. BImSchV)	---
Information on working limitations	Observe employment restrictions for young people.

15.2 Chemical Safety Assessment

Chemical Safety Assessment ---

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SECTION 16: Other information

Hazard statements (CLP)

H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
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.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.

Reason of change ---

Abbreviations

--- no data, not determined or not applicable
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 1907/2006)
OECD Organisation for Economic Co-operation and Development
LD50 Median lethal dose
LC50 Median lethal concentration
EC50 Median effective dose
IC50 Median inhibitory concentration
VCI Verband der chemischen Industrie
CAS Chemical Abstract Service
EINECS European Inventory of Existing Commercial Chemical Substances
ELINCS European List of Notified Chemical Substances
NLP No Longer Polymers
CLP Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging
EG European Union
WGK water hazard class (according to AwSV, Appendix 1 (5.2))
AGW Occupational Exposure Limit
ADR Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulation on the international carriage of dangerous goods by rail)
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods
MARPOL International Convention for the Prevention of Pollution From Ships (MARine POLLution)
EmS Emergency Schedules
PBT persistent, bioaccumulative and toxic
vPvB very persistent and very bioaccumulative