



DE HEKSERIJ

# FO Wild jasmine 2

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 6/26/2024 Revision date: 2/25/2026 Supersedes version of: 6/26/2024 Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : FO Wild jasmine 2  
UFI : Q464-PTTF-7X10-XHM8  
Product code : 21101  
Product group : Trade product

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

##### Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use  
Use of the substance/mixture : Fragrance raw material

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

De Hekserij  
Sporstraat 57  
8271 RG IJsselmuiden  
Nederland  
T +31 383 557 927  
[hekserij@hekserij.nl](mailto:hekserij@hekserij.nl), [www.hekserij.nl](http://www.hekserij.nl)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

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

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

Serious eye damage/eye irritation, Category 2 H319  
Skin sensitisation, Category 1 H317  
Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P261 - Avoid breathing vapours, spray, mist.  
P264 - Wash hands thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection.

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P302+P352 - IF ON SKIN: Wash with plenty of water.  
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.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### Extra phrases

: Fragrance allergens (Cosmetics):

BENZYL ALCOHOL	0,5005
BENZYL BENZOATE	0,5033
BENZYL CINNAMATE	0,0105
BENZYL SALICYLATE	1,0067
BETA-CARYOPHYLLENE	0,0107
CAMPHOR	0,0176
CINNAMYL ALCOHOL	0,0152
CITRAL	0,7061
EUGENOL	2,01
GERANIOL	0,2105
GERANYL ACETATE	0,0116
HEXAMETHYLINDANOPYRAN	0,0019
HYDROXYCITRONELLAL	0,35
ISOEUGENOL	0,3015
LAVANDULA HYBRIDA EXTRACT	0,2
LINALOOL	3,187
LINALYL ACETATE	2,7761
PINENE	0,8807
TERPINEOL	0,0141
TERPINOLENE	0,0061.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component	
Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	para-Cresol (106-44-5), Geraniol (106-24-1)

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzyl acetate	CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272-42	10 – 15	Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
alpha-Pinene	CAS-No.: 80-56-8 EC-No.: 201-291-9	≤ 5	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
para-Cresol	CAS-No.: 106-44-5 EC-No.: 203-398-6 EC Index-No.: 604-004-00-9	≤ 5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Geraniol	CAS-No.: 106-24-1 EC-No.: 203-377-1	≤ 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
3,7-dimethylnona-1,6-dien-3-ol	CAS-No.: 10339-55-6 EC-No.: 233-732-6 REACH-no: 01-2119969272-32	≤ 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
4-prop-1-enylveratrole	CAS-No.: 93-16-3 EC-No.: 202-224-6 REACH-no: 01-2120223689-47	≤ 5	Skin Sens. 1B, H317
Indole	CAS-No.: 120-72-9 EC-No.: 204-420-7 REACH-no: 01-2120745892-45	≤ 5	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Eye Dam. 1, H318 Skin Sens. 1, H317
Isoeugenol	CAS-No.: 97-54-1 EC-No.: 202-590-7	≤ 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317 STOT SE 3, H335
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1	≤ 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2	≤ 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789-19	≤ 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Citral	CAS-No.: 5392-40-5 EC-No.: 226-394-6 EC Index-No.: 605-019-00-3 REACH-no: 01-2119462829-23	≤ 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzenepropanal, 4-ethyl- $\alpha,\alpha$ -dimethyl-	CAS-No.: 67634-15-5 EC-No.: 266-819-2 REACH-no: 01-2120758796-34	≤ 5	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
3-p-cumenyl-2-methylpropionaldehyde	CAS-No.: 103-95-7 EC-No.: 203-161-7	≤ 5	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
3-methyl-2-pent-2-enylcyclopent-2-enone	CAS-No.: 488-10-8 EC-No.: 207-668-4 REACH-no: 01-2120229989-35	≤ 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate	CAS-No.: 4707-47-5 EC-No.: 225-193-0 REACH-no: 01-2120762759-36	≤ 5	Skin Sens. 1B, H317
Benzyl salicylate	CAS-No.: 118-58-1 EC-No.: 204-262-9 REACH-no: 01-2119969442-31	≤ 5	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Methyl benzoate	CAS-No.: 93-58-3 EC-No.: 202-259-7 REACH-no: 01-2119969268-21	≤ 5	Acute Tox. 4 (Oral), H302 Repr. 2, H361d Aquatic Chronic 3, H412
Benzyl alcohol	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630-38	≤ 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9	≤ 5	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Hydroxycitronellal	CAS-No.: 107-75-5 EC-No.: 203-518-7 REACH-no: 01-2119973482-31	≤ 5	Eye Irrit. 2, H319 Skin Sens. 1, H317
(Z)-3-hexenyl salicylate	CAS-No.: 65405-77-8 EC-No.: 265-745-8 REACH-no: 01-2119987320-37	≤ 5	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general

: If you feel unwell, seek medical advice.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact

: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures 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.

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First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.  
Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.  
Symptoms/effects after skin contact : May cause an allergic skin reaction.  
Symptoms/effects after eye contact : Eye irritation.  
Symptoms/effects after ingestion : None under normal conditions.

### 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 : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : No fire hazard.  
Explosion hazard : No direct explosion hazard.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

#### For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
Hygiene measures	: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Keep cool. Protect from sunlight.
Packaging materials	: Always store product in container of same material as original container.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Personal protective equipment symbol(s):



##### Eye and face protection

##### Eye protection:

Safety glasses

##### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

##### Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: colourless to pale yellow.
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 80 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.908 – 0.938
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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<b>Citronellyl acetate (150-84-5)</b>	
LD50 oral rat	6800 mg/kg bodyweight Animal: rat
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit
<b>alpha-Pinene (80-56-8)</b>	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
<b>para-Cresol (106-44-5)</b>	
LD50 oral rat	207 mg/kg bodyweight Animal: rat, Animal sex: male, 95% CL: 172 - 250
LD50 dermal rabbit	≈ 301 mg/kg bodyweight Animal: rabbit, 95% CL: 213 - 426
<b>Benzyl acetate (140-11-4)</b>	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
<b>Geraniol (106-24-1)</b>	
LD50 oral rat	3600 mg/kg bodyweight Animal: rat, 95% CL: 2840 - 4570
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit
<b>3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)</b>	
LD50 oral	5283 mg/kg bodyweight Animal: mouse, Animal sex: male
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Guideline: other:
LC50 Inhalation - Rat	> 1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
<b>4-prop-1-enylveratrole (93-16-3)</b>	
LD50 oral rat	2500 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
<b>Isoeugenol (97-54-1)</b>	
LD50 oral	1500 mg/kg
LD50 dermal	1912 mg/kg
LC50 Inhalation - Rat (Vapours)	11 mg/l/4h
<b>Eugenol (97-53-0)</b>	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 oral	1500 – 1500 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
<b>Linalool (78-70-6)</b>	
LD50 oral rat	2790 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2440 - 3180
LD50 oral	3120 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2620 - 3620
LD50 dermal rabbit	5610 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 3578 - 8374
<b>Linalyl acetate (115-95-7)</b>	
LD50 oral rat	> 9000 mg/kg bodyweight Animal: rat

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<b>Linalyl acetate (115-95-7)</b>	
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit
<b>Citral (5392-40-5)</b>	
LD50 oral rat	≈ 6800 mg/kg bodyweight Animal: rat
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat
<b>3-p-cumenyl-2-methylpropionaldehyde (103-95-7)</b>	
LD50 oral rat	2000 – 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat
<b>Methyl 2,4-dihydroxy-3,6-dimethylbenzoate (4707-47-5)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
<b>Benzyl salicylate (118-58-1)</b>	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EU Method B.3 (Acute Toxicity (Dermal))
<b>Methyl benzoate (93-58-3)</b>	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
<b>Benzyl alcohol (100-51-6)</b>	
LD50 oral	1580 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1410 - 1770
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 4.178 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
<b>Benzyl benzoate (120-51-4)</b>	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
<b>Hydroxycitronellal (107-75-5)</b>	
LD50 oral rat	> 6400 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit
<b>(Z)-3-hexenyl salicylate (65405-77-8)</b>	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EU Method B.3 (Acute Toxicity (Dermal))
Skin corrosion/irritation	: Not classified
<b>Indole (120-72-9)</b>	
pH	5.9 Temp.: 20 °C Concentration: 1000 g/L
Serious eye damage/irritation	: Causes serious eye irritation.

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<b>Indole (120-72-9)</b>	
pH	5.9 Temp.: 20 °C Concentration: 1000 g/L
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
<b>para-Cresol (106-44-5)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	230 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 451 (Carcinogenicity Studies)
NOAEL (chronic, oral, animal/female, 2 years)	300 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 451 (Carcinogenicity Studies)
<b>Geraniol (106-24-1)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
<b>Isoeugenol (97-54-1)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	300 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 451 (Carcinogenicity Studies)
NOAEL (chronic, oral, animal/female, 2 years)	150 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 451 (Carcinogenicity Studies)
<b>Citral (5392-40-5)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
<b>Hydroxycitronellal (107-75-5)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
Reproductive toxicity	: Not classified
<b>3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)</b>	
NOAEL (animal/male, F0/P)	750 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)
<b>3-p-cumenyl-2-methylpropionaldehyde (103-95-7)</b>	
NOAEL (animal/male, F0/P)	25 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]
NOAEL (animal/female, F0/P)	25 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]
<b>Methyl 2,4-dihydroxy-3,6-dimethylbenzoate (4707-47-5)</b>	
NOAEL (animal/male, F0/P)	≥ 717 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other., Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test), Guideline: other., Guideline: other., Guideline: other.:, Guideline: other:
NOAEL (animal/female, F0/P)	≥ 1175 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other., Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test), Guideline: other., Guideline: other.:, Guideline: other:

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<b>Benzyl salicylate (118-58-1)</b>	
NOAEL (animal/female, F0/P)	158 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)
STOT-single exposure	: Not classified
<b>Isoeugenol (97-54-1)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
<b>para-Cresol (106-44-5)</b>	
NOAEL (oral, rat, 90 days)	50 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
<b>Geraniol (106-24-1)</b>	
NOAEL (dermal, rat/rabbit, 90 days)	300 mg/kg bodyweight Animal: rat, Guideline: other., Guideline: other:
<b>3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)</b>	
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
<b>Indole (120-72-9)</b>	
LOAEL (dermal, rat/rabbit, 90 days)	2220 mg/kg bodyweight Animal: rabbit, Guideline: other:
<b>Isoeugenol (97-54-1)</b>	
NOAEL (subchronic, oral, animal/male, 90 days)	300 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (subchronic, oral, animal/female, 90 days)	600 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
<b>Eugenol (97-53-0)</b>	
NOAEL (subchronic, oral, animal/male, 90 days)	≥ 900 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: other:
NOAEL (subchronic, oral, animal/female, 90 days)	450 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: other:
<b>Linalool (78-70-6)</b>	
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
<b>Linalyl acetate (115-95-7)</b>	
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
<b>Citral (5392-40-5)</b>	
LOAEC (inhalation, rat, gas, 90 days)	68 ppm Animal: rat, Animal sex: female
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEC (inhalation, rat, gas, 90 days)	34 ppm Animal: rat, Animal sex: female
NOAEL (subchronic, oral, animal/male, 90 days)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
<b>Benzyl salicylate (118-58-1)</b>	
NOAEL (oral, rat, 90 days)	177 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

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<b>Benzyl alcohol (100-51-6)</b>	
NOAEL (oral, rat, 90 days)	400 mg/kg bodyweight Animal: rat, Guideline: other:
<b>Benzyl benzoate (120-51-4)</b>	
NOAEL (dermal, rat/rabbit, 90 days)	781 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
<b>Hydroxycitronellal (107-75-5)</b>	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEL (subchronic, oral, animal/male, 90 days)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
<b>(Z)-3-hexenyl salicylate (65405-77-8)</b>	
NOAEL (oral, rat, 90 days)	200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Aspiration hazard : Not classified

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

<b>Citronellyl acetate (150-84-5)</b>	
LC50 - Fish [1]	6.1 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	3.48 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	4.97 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 7.2 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
<b>alpha-Pinene (80-56-8)</b>	
LC50 - Fish [1]	0.303 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	0.475 mg/l Test organisms (species): Daphnia magna
<b>para-Cresol (106-44-5)</b>	
LC50 - Fish [1]	16.5 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	22.7 mg/l Test organisms (species): Daphnia pulicaria
EC50 72h - Algae [1]	23 mg/l Test organisms (species): Selenastrum sp.
EC50 72h - Algae [2]	48.4 mg/l Test organisms (species): Selenastrum sp.
NOEC (chronic)	1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
<b>Benzyl acetate (140-11-4)</b>	
LC50 - Fish [1]	4 mg/l Test organisms (species): Oryzias latipes
EC50 - Crustacea [1]	17 mg/l Test organisms (species): Daphnia magna

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<b>Benzyl acetate (140-11-4)</b>	
EC50 72h - Algae [1]	110 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
EC50 72h - Algae [2]	92 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
NOEC chronic fish	0.92 mg/l Test organisms (species): <i>Oryzias latipes</i> Duration: '28 d'
<b>Geraniol (106-24-1)</b>	
LC50 - Fish [1]	≈ 22 mg/l Test organisms (species): <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i> )
EC50 - Crustacea [1]	10.8 mg/l Test organisms (species): <i>Daphnia magna</i>
EC50 72h - Algae [1]	13.1 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
<b>3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)</b>	
LC50 - Fish [1]	24 mg/l Test organisms (species): <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i> )
EC50 - Crustacea [1]	23 mg/l Test organisms (species): <i>Daphnia magna</i>
EC50 72h - Algae [1]	13.3 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
EC50 72h - Algae [2]	25.1 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
<b>4-prop-1-enylveratrole (93-16-3)</b>	
EC50 - Crustacea [1]	> 10 – ≤ 100 mg/l Species: <i>Daphnia magna</i> , Duration of exposure: 48 h, OECD Guideline 202
<b>Indole (120-72-9)</b>	
LC50 - Fish [1]	≈ 19.76 mg/l Test organisms (species):
EC50 96h - Algae [1]	9.42 mg/l Test organisms (species): <i>Scenedesmus sp.</i>
EC50 96h - Algae [2]	≈ 37.3 mg/l Test organisms (species):
<b>Isoeugenol (97-54-1)</b>	
LC50 - Fish [1]	3.6 mg/l Test organisms (species): other:
EC50 - Other aquatic organisms [1]	3 mg/l Test organisms (species): other:
EC50 72h - Algae [1]	5.6 mg/l Test organisms (species): other:
<b>Eugenol (97-53-0)</b>	
LC50 - Fish [1]	13 mg/l Test organisms (species): <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i> )
EC50 - Crustacea [1]	1.05 mg/l Test organisms (species): <i>Daphnia magna</i>
<b>Linalool (78-70-6)</b>	
LC50 - Fish [1]	27.8 mg/l Test organisms (species): <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )
EC50 - Crustacea [1]	59 mg/l Test organisms (species): <i>Daphnia magna</i>
EC50 96h - Algae [1]	88.3 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
EC50 96h - Algae [2]	156.7 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
<b>Linalyl acetate (115-95-7)</b>	
LC50 - Fish [1]	11 mg/l Test organisms (species): <i>Cyprinus carpio</i>

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<b>Linalyl acetate (115-95-7)</b>	
EC50 - Crustacea [1]	59 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	13.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
<b>Citral (5392-40-5)</b>	
LC50 - Fish [1]	6.78 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	6.8 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	103.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
<b>3-p-cumenyl-2-methylpropionaldehyde (103-95-7)</b>	
LC50 - Fish [1]	1.42 mg/l Test organisms (species):
LC50 - Fish [2]	2.49 mg/l Test organisms (species):
EC50 - Crustacea [1]	1.4 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	4.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	2.7 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	3.8 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [2]	2.7 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
<b>3-methyl-2-pent-2-enylcyclopent-2-enone (488-10-8)</b>	
LC50 - Fish [1]	54 mg/l Test organisms (species): Cyprinus carpio
EC50 - Crustacea [1]	45 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	38 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	19 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
<b>Methyl 2,4-dihydroxy-3,6-dimethylbenzoate (4707-47-5)</b>	
LC50 - Fish [1]	5.2 mg/l Test organisms (species): not specified
EC50 - Crustacea [1]	9.3 mg/l Test organisms (species): Daphnia sp.
EC50 96h - Algae [1]	3.3 mg/l Test organisms (species): other:
<b>Benzyl salicylate (118-58-1)</b>	
LC50 - Fish [1]	1.03 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	1.16 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	0.691 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	1.29 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
<b>Methyl benzoate (93-58-3)</b>	
LC50 - Fish [1]	23 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 72h - Algae [1]	111.9 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

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<b>Benzyl alcohol (100-51-6)</b>	
LC50 - Fish [1]	460 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	230 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	770 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	500 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	76.828 mg/l Test organisms (species): other:
NOEC chronic fish	48.897 mg/l Test organisms (species): other: Duration: '30 d'
<b>Benzyl benzoate (120-51-4)</b>	
LC50 - Fish [1]	2.32 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	3.09 mg/l Test organisms (species): Daphnia magna
<b>Hydroxycitronellal (107-75-5)</b>	
LC50 - Fish [1]	31.6 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	410 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	123.32 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
<b>(Z)-3-hexenyl salicylate (65405-77-8)</b>	
LC50 - Fish [1]	> 0.65 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	0.6 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	0.61 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	0.28 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
<b>12.2. Persistence and degradability</b>	
<b>FO Wild jasmine 2</b>	
Persistence and degradability	Not rapidly degradable
<b>Citronellyl acetate (150-84-5)</b>	
Persistence and degradability	Not rapidly degradable
<b>alpha-Pinene (80-56-8)</b>	
Persistence and degradability	Not rapidly degradable
<b>para-Cresol (106-44-5)</b>	
Persistence and degradability	Not rapidly degradable
<b>Benzyl acetate (140-11-4)</b>	
Persistence and degradability	Not rapidly degradable
<b>Geraniol (106-24-1)</b>	
Persistence and degradability	Not rapidly degradable
<b>3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)</b>	
Persistence and degradability	Not rapidly degradable

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<b>4-prop-1-enylveratrole (93-16-3)</b>	
Persistence and degradability	Not rapidly degradable
<b>Indole (120-72-9)</b>	
Persistence and degradability	Not rapidly degradable
<b>Isoeugenol (97-54-1)</b>	
Persistence and degradability	Not rapidly degradable
<b>Eugenol (97-53-0)</b>	
Persistence and degradability	Not rapidly degradable
<b>Linalool (78-70-6)</b>	
Persistence and degradability	Not rapidly degradable
<b>Linalyl acetate (115-95-7)</b>	
Persistence and degradability	Not rapidly degradable
<b>Citral (5392-40-5)</b>	
Persistence and degradability	Not rapidly degradable
<b>Benzenepropanal, 4-ethyl-<math>\alpha,\alpha</math>-dimethyl- (67634-15-5)</b>	
Persistence and degradability	Not rapidly degradable
<b>3-p-cumenyl-2-methylpropionaldehyde (103-95-7)</b>	
Persistence and degradability	Not rapidly degradable
<b>3-methyl-2-pent-2-enylcyclopent-2-enone (488-10-8)</b>	
Persistence and degradability	Not rapidly degradable
<b>Methyl 2,4-dihydroxy-3,6-dimethylbenzoate (4707-47-5)</b>	
Persistence and degradability	Not rapidly degradable
<b>Benzyl salicylate (118-58-1)</b>	
Persistence and degradability	Not rapidly degradable
<b>Methyl benzoate (93-58-3)</b>	
Persistence and degradability	Not rapidly degradable
<b>Benzyl alcohol (100-51-6)</b>	
Persistence and degradability	Not rapidly degradable
<b>Benzyl benzoate (120-51-4)</b>	
Persistence and degradability	Not rapidly degradable
<b>Hydroxycitronellal (107-75-5)</b>	
Persistence and degradability	Not rapidly degradable
<b>(Z)-3-hexenyl salicylate (65405-77-8)</b>	
Persistence and degradability	Not rapidly degradable

### 12.3. Bioaccumulative potential

No additional information available

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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
NOT SUBJECT	NOT SUBJECT (Not subject to the provisions of IMDG but may be subject to provisions governing the transport of dangerous goods by other modes)		NOT SUBJECT	NOT SUBJECT TO RID

### 14.1. UN number or ID number

UN 3334				
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### 14.2. UN proper shipping name

Aviation regulated liquid, n.o.s. (FO Wild jasmine 2)	AVIATION REGULATED LIQUID, N.O.S. (FO Wild jasmine 2)	Aviation regulated liquid, n.o.s. (FO Wild jasmine 2)	aviation regulated liquid, n.o.s. (FO Wild jasmine 2)	Aviation regulated liquid, n.o.s. (FO Wild jasmine 2)
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### Transport document description

UN 3334 Aviation regulated liquid, n.o.s. (FO Wild jasmine 2), 9	UN 3334 AVIATION REGULATED LIQUID, N.O.S. (FO Wild jasmine 2), 9	UN 3334 Aviation regulated liquid, n.o.s. (FO Wild jasmine 2), 9, III	UN 3334 aviation regulated liquid, n.o.s. (FO Wild jasmine 2), 9	UN 3334 Aviation regulated liquid, n.o.s. (FO Wild jasmine 2), 9
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### 14.3. Transport hazard class(es)

9	9	9	9	9
Not applicable			Not applicable	Not applicable

### 14.4. Packing group

Not applicable	Not applicable	III	Not applicable	Not applicable
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ADR	IMDG	IATA	ADN	RID
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : M11

#### Transport by sea

Special provisions (IMDG) : 960  
Stowage category (IMDG) : None  
Properties and observations (IMDG) : Not subject to the provisions of this Code but may be subject to provisions governing the transport of dangerous goods by other modes.

#### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A27  
ERG code (IATA) : 9A

#### Inland waterway transport

Classification code (ADN) : M11

#### Rail transport

Classification code (RID) : M11

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

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	alpha-Pinene	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F

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EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(b)	FO Wild jasmine 2 ; Citronellyl acetate ; alpha-Pinene ; Geraniol ; 3,7-dimethylnona-1,6-dien-3-ol ; 4-prop-1-enylveratrole ; Isoeugenol ; Eugenol ; Linalool ; Linalyl acetate ; Citral ; Benzenepropanal, 4-ethyl- $\alpha,\alpha$ -dimethyl- ; 3-p-cumenyl-2-methylpropionaldehyde ; 3-methyl-2-pent-2-enylcyclopent-2-enone ; Benzyl salicylate ; Methyl benzoate ; Benzyl alcohol ; Benzyl benzoate ; Hydroxycitronellal ; (Z)-3-hexenyl salicylate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	FO Wild jasmine 2 ; Citronellyl acetate ; alpha-Pinene ; Benzyl acetate ; Benzenepropanal, 4-ethyl- $\alpha,\alpha$ -dimethyl- ; 3-p-cumenyl-2-methylpropionaldehyde ; Benzyl salicylate ; Methyl benzoate ; Benzyl benzoate ; (Z)-3-hexenyl salicylate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### National regulations

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : Benzenepropanal, 4-ethyl- $\alpha,\alpha$ -dimethyl-, (Z)-3-hexenyl salicylate are listed

SZW-lijst van mutagene stoffen : Benzenepropanal, 4-ethyl- $\alpha,\alpha$ -dimethyl-, (Z)-3-hexenyl salicylate are listed

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SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstracts Service number

# FO Wild jasmine 2

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Abbreviations and acronyms:

N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

### Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
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.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
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.
H335	May cause respiratory irritation.
H361d	Suspected of damaging the unborn child.

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## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Full text of H- and EUH-statements:

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 (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.