

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 5/30/2024 Version: 1.0

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

1.1. Product identifier

Product form : Substance (UVCB)
Substance name : EO Coriander seed
IUPAC name : Coriander, ext.
EC-No. : 283-880-0
CAS-No. : 84775-50-8
REACH registration No. : 01-2120751207-58

Product code : 20149
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public

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

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

De Hekserij Spoorstraat 57 8271 RG IJsselmuiden Nederland 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]

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 1 H318
Skin sensitisation, Category 1 H317
Aspiration hazard, Category 1 H304
Hazardous to the aquatic environment – Chronic Hazard,

Category 2

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

Adverse physicochemical, human health and environmental effects

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP) : Danger

Safety Data Sheet

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

Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P261 - Avoid breathing vapours, spray, mist, fume.

P264 - Wash hands thoroughly after handling. P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, face protection, eye protection.

P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a doctor, a POISON CENTER.

P331 - Do NOT induce vomiting.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage. P405 - Store locked up.

P501 - Dispose of contents and container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type : UVCB

 Name
 : EO Coriander seed

 CAS-No.
 : 84775-50-8

 EC-No.
 : 283-880-0

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
EO Coriander seed	CAS-No.: 84775-50-8 EC-No.: 283-880-0 REACH-no: 01-2120751207- 58	100	See section 2.1
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	70 – 100	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Pinene alpha	CAS-No.: 80-56-8 EC-No.: 201-291-9	5 – 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304
Camphor	CAS-No.: 76-22-2 EC-No.: 200-945-0	5 – 10	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 STOT SE 2, H371
gamma Terpinene	CAS-No.: 99-85-4 EC-No.: 202-794-6	5 – 10	Flam. Liq. 3, H226 Repr. 2, H361 Aquatic Chronic 2, H411

Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Geranyl acetate	CAS-No.: 105-87-3 EC-No.: 203-341-5 REACH-no: 01-2119973480- 35	1 – 5	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412	
Limonene D- (nat)	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2	1 – 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
Geraniol	CAS-No.: 106-24-1 EC-No.: 203-377-1 REACH-no: 01-2119552430- 49	1 – 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317	
Eucalyptol	CAS-No.: 470-82-6 EC-No.: 207-431-5	0.1 – 1	Flam. Liq. 3, H226 Skin Sens. 1B, H317	
I-Carvone	CAS-No.: 6485-40-1 EC-No.: 229-352-5	0.1 – 1	Skin Sens. 1B, H317	
Pinene beta	CAS-No.: 127-91-3 EC-No.: 204-872-5	0.1 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304	
Camphene	CAS-No.: 79-92-5 EC-No.: 201-234-8	0.1 – 1	Flam. Sol. 1, H228 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
p-Cymene	CAS-No.: 99-87-6 EC-No.: 202-796-7 EC Index-No.: 601-094-00-1	0.1 – 1	Flam. Liq. 3, H226 Acute Tox. 3 (Inhalation), H331 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	
Citronellol	CAS-No.: 106-22-9 EC-No.: 203-375-0 REACH-no: 01-2119453995- 23	0.1 – 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	
Carvone	CAS-No.: 99-49-0 EC-No.: 202-759-5 EC Index-No.: 606-148-00-8	0.1 – 1	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	< 0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317	

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

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

5/30/2024 (Issue date) EU - en 3/18

Safety Data Sheet

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

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. Call a physician immediately.

First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately.

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 : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Serious damage to eyes. Symptoms/effects after ingestion : Risk of lung oedema.

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.

6.1.1. 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.

6.1.2. 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 : Collect spillage. 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.

5/30/2024 (Issue date) EU - en 4/18

Safety Data Sheet

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

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed

Precautions for safe handling

Hygiene measures

: Not expected to present a significant hazard under anticipated conditions of normal use.

Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.

: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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 : Store locked up.

Packaging materials : Store always 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

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):







5/30/2024 (Issue date) EU - en 5/18

Safety Data Sheet

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

8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colourless - pale yellow.
Odour : Fresh. aromatic. herbal. spicy.

Odour threshold : Not available
Melting point : < -20 °C
Freezing point : Not available

Boiling point : ≈ 178.5 °C Atm. press.: 101325 Pa

Flammability : Non flammable.
Lower explosion limit : Not available
Upper explosion limit : Not available

Flash point : ≈ 64 °C Atm. press.: 101,3 kPa

Auto-ignition temperature : Not available Decomposition temperature : Not available : Not available рΗ : Not available Viscosity, kinematic : Not available Solubility Partition coefficient n-octanol/water (Log Kow) Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available

Density : 0.8671 g/cm³ Type: 'density' Temp.: 20 °C

Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

Safety Data Sheet

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

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

EO Coriander seed (84775-50-8)			
LD50 oral rat	3588 mg/kg bodyweight Animal: rat		
Linalool (78-70-6)			
LD50 oral rat	2790 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:, 95% CL: 2440 - 3180		
LD50 dermal rabbit	5610 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 3578 - 8374		
Pinene alpha (80-56-8)			
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))		
Camphor (76-22-2)			
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
LC50 Inhalation - Rat	> 10 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)		
gamma Terpinene (99-85-4)			
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)		
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
Geranyl acetate (105-87-3)			
LD50 oral rat	6330 mg/kg bodyweight Animal: rat, 95% CL: 5450 - 7340		

Safety Data Sheet

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

Geranyl acetate (105-87-3)	
LD50 dermal rabbit	> 2000 mg/kg
Limonene D- (nat) (5989-27-5)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
Geraniol (106-24-1)	
LD50 oral rat	3600 mg/kg bodyweight Animal: rat, 95% CL: 2840 - 4570
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit
I-Carvone (6485-40-1)	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: other:
LC50 Inhalation - Rat	6.45 mg/l air Animal: rat, Guideline: other:
Camphene (79-92-5)	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit
p-Cymene (99-87-6)	
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Guideline: other:
Citral (5392-40-5)	
LD50 oral rat	≈ 6800 mg/kg bodyweight Animal: rat
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat
Skin corrosion/irritation	: Causes skin irritation.
I-Carvone (6485-40-1)	
рН	5.62 Temp.: 26 °C
Serious eye damage/irritation	: Causes serious eye damage.
I-Carvone (6485-40-1)	
рН	5.62 Temp.: 26 °C
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Geraniol (106-24-1)	
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)
Citral (5392-40-5)	
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
gamma Terpinene (99-85-4)	
NOAEL (animal/male, F1)	250 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (animal/female, F1)	100 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
STOT-single exposure	: Not classified

Safety Data Sheet

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

Camphor (76-22-2)				
STOT-single exposure	May cause damage to organs.			
STOT-repeated exposure : Not classified				
Linalool (78-70-6)				
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)			
Camphor (76-22-2)				
NOAEL (oral, rat, 90 days)	3.2 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)			
NOAEL (dermal, rat/rabbit, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: other:			
Geranyl acetate (105-87-3)				
NOAEL (oral, rat, 90 days)	2000 mg/kg bodyweight Animal: rat, Guideline: other:			
Geraniol (106-24-1)				
NOAEL (dermal, rat/rabbit, 90 days)	300 mg/kg bodyweight Animal: rat, Guideline: other:, Guideline: other:			
Eucalyptol (470-82-6)				
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3150 (90-Day Oral Toxicity in Non-rodents)			
Citronellol (106-22-9)				
NOAEL (oral, rat, 90 days)	2000 mg/kg bodyweight Animal: rat, Guideline: other:			
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.063 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)			
Citral (5392-40-5)				
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)			
Aspiration hazard :	May be fatal if swallowed and enters airways.			
Linalool (78-70-6)				
Viscosity, kinematic	5191.86 mm²/s			
Citral (5392-40-5)				
Viscosity, kinematic	2.42 mm²/s at 20 °C			

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short–term : Not classified

(acute)

5/30/2024 (Issue date) EU - en 9/18

Safety Data Sheet

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

Hazardous to the aquatic environment, long–term : Toxic to aquatic life with long lasting effects. (chronic)

Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	(CITIOTIO)		
German	Linalool (78-70-6)		
EC50 96h - Algae [1] 88.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 96h - Algae [2] 156.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) Pinene alpha (80-56-8) 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): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 2.505 - Fish [1] 2.506 - Crustacea [1] 2.507 2h - Algae [1] 2.507 2h - Algae [2] 1.71 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 72h - Algae [2] 1.71 mg/l Test organisms (species): Danio rerio (previous names: Pseudokirchneriella subcapitata, Selenastrum capricormutum) gamma Terpinene (93-85-4) EC50 72h - Algae [2] 1.71 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 2.508 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 2.508 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 3.108 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 4.21 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 5.508 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 68.12 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 68.12 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 68.12 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 72h - Algae [1] 720 ug/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 720 ug/l Test organisms (species): Daphria magna EC50 - Crustacea [1] 720 ug/l Test organisms (species): Daphria magna EC50 - Crustacea [2] 20 1 mg/l Test organisms (species): Daphria magna EC50 - Crustacea [2] 20 1 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [1] 22 mg/l Test organisms (species): Daphria magna EC50 72h - Algae [2] EC50 72h - Algae [2] EC50 7	LC50 - Fish [1]		
Scenedesmus subspicatus ECS0 96h - Algae [2] 156.7 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) Pinene alpha (80-56-8) LCS0 - Fish [1] 0.303 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) ECS0 - Crustacea [1] 0.475 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) ECS0 - Fish [1] 33.25 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) ECS0 - Fish [1] 33.25 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) ECS0 - Crustacea [1] 4.23 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) ECS0 - Crustacea [1] 0.3 mg/l Test organisms (species): Danio rerio (previous name: Prachydanio rerio) ECS0 - Crustacea [1] 0.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pracudokirchneriella subcapitata, Selenastrum capricomutum) Gerandama Terpinone (99-85-4) 17 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pracudokirchneriella subcapitata, Selenastrum capricomutum) Gerandama Terpinone (99-85-4) 10189 mg/l Test organisms (species): Daphnia magna 10189 mg/l Test organisms (species): Pimephales prometas 10189 mg/l Test organisms	EC50 - Crustacea [1]	59 mg/l Test organisms (species): Daphnia magna	
Scenedesmus subspicatus	EC50 96h - Algae [1]		
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 Camphor (76-22-2) LC50 - Fish [1] 33.25 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 4.23 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 4.23 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Psacubkricheniella subcapitata, Selenastrum capricormutum) EC50 - Test - Algae [2] 1.71 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Psacubkricheniella subcapitata, Selenastrum capricormutum) EC50 - Crustacea [1] 1.71 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Psacubkricheniella subcapitata, Selenastrum capricormutum) gamma Terpinene (89-85-4) EC50 - Crustacea [1] 1.0189 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 1.0189 mg/l Test organisms (species): Scenedesmus capricomutum Geranyl acetate (105-87-3) LC50 - Fish [1] 8.8.12 mg/l Test organisms (species): Leuciscus idus EC50 - Crustacea [1] 1.41 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 1.41 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) ErC50 algae 3.72 mg/l Species: Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) ErC50 - Fish [1] 7.0 μg/l Test organisms (species): Pimephales promelas EC50 - Crustacea [1] 0.30 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 0.30 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricormutum) EC50 - Fish [1] 8.22 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricormutum) EC50 - Fish [1] 8.22 mg/l Test organisms (species): Daphnia magna	EC50 96h - Algae [2]		
Camphor (76-22-2)	Pinene alpha (80-56-8)		
Camphor (76-22-2) LC50 - Fish [1] 33.25 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 4.23 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 1.71 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) gamma Terpinene (99-85-4) EC50 - Crustacea [1] 10189 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 2 10.82 mg/l Test organisms (species): Scenedesmus capricornutum Geranyl acetate (105-87-3) LC50 - Fish [1] 68.12 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 3.72 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 3.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 72h - Algae [1] 3.72 mg/l Species: Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 Fish [1] 720 µg/l Test organisms (species): Pimephales promelas LC50 - Fish [1] 720 µg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 720 µg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 720 µg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 721 µg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 721 µg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 721 µg/l Test organisms (species): Daphnia magna EC50 - Fish [1] 722 µg/l Test organisms (species): Daphnia magna EC50 - Fish [2] 722 µg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 721 µg/l Test organisms (species): Daphnia magna EC50 - Fish [1] 722 µg/l Test organisms (species): Daphnia magna EC50 - Fish [1] 722 µg/l Test organisms (species): Daphnia magna	LC50 - Fish [1]	0.303 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)	
LC50 - Fish [1] 33.25 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 4.23 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricomutum) EC50 72h - Algae [2] 1.71 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricomutum) gamma Terpinene (99-85-4) EC50 - Crustacea [1] 10189 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] > 10.82 mg/l Test organisms (species): Scenedesmus capricomutum Geranyl acetate (105-87-3) LC50 - Fish [1] 68.12 mg/l Test organisms (species): Leuciscus idus EC50 - Crustacea [1] 14.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 12h - Algae [1] 3.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 algae 3.72 mg/l Species: Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 - Fish [1] 720 µg/l Test organisms (species): Pimephales promelas LC50 - Fish [1] 720 µg/l Test organisms (species): Pimephales promelas EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 - Tesh - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocells subcapitata, Selenastrum capricomutum) EC50 - Fish [1] 22 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocells subcapitata, Selenastrum capricomutum) EC50 - Fish [1] 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Fish [1] 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)	EC50 - Crustacea [1]	0.475 mg/l Test organisms (species): Daphnia magna	
EC50 - Crustacea [1] 4.23 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 1.71 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) gamma Terpinene (99-85-4) EC50 - Crustacea [1] 10189 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] > 10.82 mg/l Test organisms (species): Scenedesmus capricornutum Geranyl acetate (105-87-3) LC50 - Fish [1] 68.12 mg/l Test organisms (species): Leuciscus idus EC50 - Crustacea [1] 14.1 mg/l Test organisms (species): Leuciscus idus EC50 - Crustacea [1] 14.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 - Stalgae 13.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 - Fish [1] 720 µg/l Test organisms (species): Pimephales prometas LC50 - Fish [1] 720 µg/l Test organisms (species): Pimephales prometas LC50 - Fish [2] 702 µg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 - Test - Algae [1] 0.32 mg/l Test organisms (species): Daphnia magna EC50 - Test - Algae [1] 0.32 mg/l Test organisms (species): Pimephales prometas EC50 - Test - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocellis subcapitata, Selenastrum capricornutum) EC50 - Fish [1] 22 mg/l Test organisms (species): Daphnia magna EC50 - Fish [1] 82 mg/l Test organisms (species): Danio retio (previous names: Brachydanio rerio) EC50 - Fish [1] 82 mg/l Test organisms (species): Danio retio (previous name: Brachydanio rerio)	Camphor (76-22-2)		
EC50 72h - Algae [1] 0.3 mg/l Test organisms (species): Raphidocells subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricomutum) EC50 72h - Algae [2] 1.71 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricomutum) gamma Terpinene (99-85-4) EC50 - Crustacea [1] 10189 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 5 10.82 mg/l Test organisms (species): Scenedesmus capricomutum Geranyl acetate (105-87-3) LC50 - Fish [1] 68.12 mg/l Test organisms (species): Leuciscus idus EC50 - Crustacea [1] 14.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) EC50 72h - Algae [1] 3.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) ErC50 algae 3.72 mg/l Species: Desmodesmus subspicatus 72 h Limonene D- (nat) (5989-27-5) LC50 - Fish [1] 720 μg/l Test organisms (species): Pimephales promelas LC50 - Fish [2] 702 μg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 0.30 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricomutum) EC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danhnia magna EC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danhnia magna	LC50 - Fish [1]	33.25 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)	
Pseudokirchneriella subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 1.71 mg/l Test organisms (species): Raphidocells subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) gamma Terpinene (99-85-4) EC50 - Crustacea [1] 10189 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] > 10.82 mg/l Test organisms (species): Scenedesmus capricomutum Geranyl acetate (105-87-3) LC50 - Fish [1] 68.12 mg/l Test organisms (species): Leuciscus idus EC50 - Crustacea [1] 14.1 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 3.72 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 3.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) ErC50 algae 3.72 mg/l Species: Desmodesmus subspicatus 72 h Limonene D- (nat) (5989-27-5) LC50 - Fish [1] 720 µg/l Test organisms (species): Pimephales promelas CC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 - 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] * 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	EC50 - Crustacea [1]	4.23 mg/l Test organisms (species): Daphnia magna	
Pseudokirchneriella subcapitata, Selenastrum capricornutum	EC50 72h - Algae [1]		
EC50 - Crustacea [1] 10189 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] > 10.82 mg/l Test organisms (species): Scenedesmus capricomutum Geranyl acetate (105-87-3) LC50 - Fish [1] 68.12 mg/l Test organisms (species): Leuciscus idus EC50 - Crustacea [1] 14.1 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 3.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) ErC50 algae 3.72 mg/l Species: Desmodesmus subspicatus 72 h Limonene D- (nat) (5989-27-5) LC50 - Fish [1] 720 µg/l Test organisms (species): Pimephales promelas LC50 - Fish [2] 702 µg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricomutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricomutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	EC50 72h - Algae [2]		
Second	gamma Terpinene (99-85-4)		
Geranyl acetate (105-87-3) LC50 - Fish [1] 68.12 mg/l Test organisms (species): Leuciscus idus EC50 - Crustacea [1] 14.1 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 3.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) ErC50 algae 3.72 mg/l Species: Desmodesmus subspicatus 72 h Limonene D- (nat) (5989-27-5) 1.00 μg/l Test organisms (species): Pimephales promelas LC50 - Fish [1] 720 μg/l Test organisms (species): Pimephales promelas LC50 - Fish [2] 702 μg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	EC50 - Crustacea [1]	10189 mg/l Test organisms (species): Daphnia magna	
EC50 - Fish [1] EC50 - Crustacea [1] EC50 - Algae [1] 3.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) ErC50 algae 3.72 mg/l Species: Desmodesmus subspicatus 72 h Limonene D- (nat) (5989-27-5) LC50 - Fish [1] 720 μg/l Test organisms (species): Pimephales promelas LC50 - Fish [2] 702 μg/l Test organisms (species): Pimephales promelas EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 - 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	EC50 72h - Algae [1]	> 10.82 mg/l Test organisms (species): Scenedesmus capricornutum	
EC50 - Crustacea [1] 14.1 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 3.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) ErC50 algae 3.72 mg/l Species: Desmodesmus subspicatus 72 h Limonene D- (nat) (5989-27-5) LC50 - Fish [1] 720 μg/l Test organisms (species): Pimephales promelas LC50 - Fish [2] 702 μg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	Geranyl acetate (105-87-3)		
EC50 72h - Algae [1] 3.72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) ErC50 algae 3.72 mg/l Species: Desmodesmus subspicatus 72 h Limonene D- (nat) (5989-27-5) LC50 - Fish [1] 720 μg/l Test organisms (species): Pimephales promelas LC50 - Fish [2] 702 μg/l Test organisms (species): Pimephales promelas EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	LC50 - Fish [1]	68.12 mg/l Test organisms (species): Leuciscus idus	
Scenedesmus subspicatus) ErC50 algae 3.72 mg/l Species: Desmodesmus subspicatus 72 h Limonene D- (nat) (5989-27-5) LC50 - Fish [1] 720 µg/l Test organisms (species): Pimephales promelas LC50 - Fish [2] 702 µg/l Test organisms (species): Pimephales promelas EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	EC50 - Crustacea [1]	14.1 mg/l Test organisms (species): Daphnia magna	
Limonene D- (nat) (5989-27-5) LC50 - Fish [1] 720 μg/l Test organisms (species): Pimephales promelas LC50 - Fish [2] 702 μg/l Test organisms (species): Pimephales promelas EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) 10.8 mg/l Test organisms (species): Daphnia magna	EC50 72h - Algae [1]		
LC50 - Fish [1] 720 μg/l Test organisms (species): Pimephales promelas C50 - Fish [2] 702 μg/l Test organisms (species): Pimephales promelas EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	ErC50 algae	3.72 mg/l Species: Desmodesmus subspicatus 72 h	
LC50 - Fish [2] 702 μg/l Test organisms (species): Pimephales promelas EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	Limonene D- (nat) (5989-27-5)		
EC50 - Crustacea [1] 0.307 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna EC50 72h - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	LC50 - Fish [1]	720 µg/l Test organisms (species): Pimephales promelas	
EC50 - Crustacea [2] 0.51 mg/l Test organisms (species): Daphnia magna 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	LC50 - Fish [2]	702 μg/l Test organisms (species): Pimephales promelas	
EC50 72h - Algae [1] 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] \$\approx 22 \text{ mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)} \text{ 10.8 mg/l Test organisms (species): Daphnia magna}	EC50 - Crustacea [1]	0.307 mg/l Test organisms (species): Daphnia magna	
Raphidocelis subcapitata, Selenastrum capricornutum) EC50 72h - Algae [2] 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	EC50 - Crustacea [2]	0.51 mg/l Test organisms (species): Daphnia magna	
Raphidocelis subcapitata, Selenastrum capricornutum) Geraniol (106-24-1) LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	EC50 72h - Algae [1]		
LC50 - Fish [1] ≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	EC50 72h - Algae [2]	0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
EC50 - Crustacea [1] 10.8 mg/l Test organisms (species): Daphnia magna	Geraniol (106-24-1)		
	LC50 - Fish [1]	≈ 22 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)	
FC50 72h - Algae [1] 13.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name:	EC50 - Crustacea [1]	10.8 mg/l Test organisms (species): Daphnia magna	
Scenedesmus subspicatus)	EC50 72h - Algae [1]	13.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	

Safety Data Sheet

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

Geraniol (106-24-1)	
ErC50 algae	≈ 13.1 mg/l
NOEC chronic fish	≈ 10 mg/l
NOEC chronic algae	≈ 1 ml/l
Eucalyptol (470-82-6)	
LC50 - Fish [1]	57 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 74 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 74 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
I-Carvone (6485-40-1)	
LC50 - Fish [1]	6.1 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	38 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	19 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
Camphene (79-92-5)	
LC50 - Fish [1]	0.72 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	0.72 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	1.75 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
p-Cymene (99-87-6)	
LC50 - Fish [1]	48 mg/l Test organisms (species): Cyprinodon variegatus
EC50 - Crustacea [1]	3.7 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	4.03 mg/l Test organisms (species): Scenedesmus capricornutum
EC50 72h - Algae [2]	2.01 mg/l Test organisms (species): Scenedesmus capricornutum
Citronellol (106-22-9)	
LC50 - Fish [1]	14.66 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	17.48 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	2.4 mg/l Test organisms (species):
Citral (5392-40-5)	
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)
12.2 Persistence and degradability	

12.2. Persistence and degradability

EO Coriander seed (84775-50-8)		
Persistence and degradability	Not rapidly degradable	

Safety Data Sheet

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

Linalool (78-70-6)	
Persistence and degradability	Not rapidly degradable
Pinene alpha (80-56-8)	
Persistence and degradability	Not rapidly degradable
Camphor (76-22-2)	
Persistence and degradability	Not rapidly degradable
gamma Terpinene (99-85-4)	
Persistence and degradability	Not rapidly degradable
Geranyl acetate (105-87-3)	
Persistence and degradability	Not rapidly degradable
Limonene D- (nat) (5989-27-5)	
Persistence and degradability	Not rapidly degradable
Geraniol (106-24-1)	
Persistence and degradability	Not rapidly degradable
Eucalyptol (470-82-6)	
Persistence and degradability	Not rapidly degradable
I-Carvone (6485-40-1)	
Persistence and degradability	Not rapidly degradable
Pinene beta (127-91-3)	
Persistence and degradability	Not rapidly degradable
Camphene (79-92-5)	
Persistence and degradability	Not rapidly degradable
p-Cymene (99-87-6)	
Persistence and degradability	Not rapidly degradable
Citronellol (106-22-9)	
Persistence and degradability	Not rapidly degradable
Carvone (99-49-0)	
Persistence and degradability	Not rapidly degradable
Citral (5392-40-5)	
Persistence and degradability	Not rapidly degradable
12.3. Bioaccumulative potential	
Linalool (78-70-6)	
Partition coefficient n-octanol/water (Log Pow)	≥ 2.84
Geraniol (106-24-1)	
Partition coefficient n-octanol/water (Log Pow)	≈ 2.6

Safety Data Sheet

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

Citronellol (106-22-9)		
BCF - Fish [1] 82.59		
Partition coefficient n-octanol/water (Log Pow) 3.3		
Citral (5392-40-5)		
Partition coefficient n-octanol/water (Log Kow) 2.76 at 25 °C		

12.4. Mobility in soil

Citral (5392-40-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.169

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	
14.1. UN number or ID number					
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082	
14.2. UN proper shippin	g name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EO Coriander seed)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EO Coriander seed)	Environmentally hazardous substance, liquid, n.o.s. (EO Coriander seed)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EO Coriander seed)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EO Coriander seed)	
Transport document descr	iption				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EO Coriander seed), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EO Coriander seed), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (EO Coriander seed), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EO Coriander seed), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EO Coriander seed), 9, III	

Safety Data Sheet

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

ADR	IMDG	IATA	ADN	RID	
14.3. Transport hazard class(es)					
9	9	9	9	9	
**************************************	**************************************	**************************************	**************************************	**************************************	
14.4. Packing group					
III	III	III	III	III	
14.5. Environmental hazards					
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	
No supplementary information available					

14.6. Special precautions for user

Overland transport

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 375, 601

Limited quantities (ADR) : 5I Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions : TP1, TP29

(ADR)

Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading : CV13

and handling (ADR)

Hazard identification number (Kemler No.) : 90

Orange plates :

90 3082

Tunnel restriction code (ADR)

Transport by sea

Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : LP01, P001 Special packing provisions (IMDG) : PP1 IBC packing instructions (IMDG) : IBC03 Tank instructions (IMDG) T4 Tank special provisions (IMDG) : TP1, TP29 EmS-No. (Fire) : F-A EmS-No. (Spillage) : S-F Stowage category (IMDG) : A

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964

Safety Data Sheet

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

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) : A97, A158, A197, A215

ERG code (IATA) : 9L

Inland waterway transport

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 375, 601

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP

Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : M6

Special provisions (RID) : 274, 335, 375, 601

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions : TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBV

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

Special provisions for carriage - Loading, unloading : CW13, CW31

and handling (RID)

Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 90

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	gamma Terpinene ; Limonene D- (nat) ; Eucalyptol ; Pinene beta ; p-Cymene	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

Safety Data Sheet

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

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(b)	EO Coriander seed; Linalool; Pinene alpha; gamma Terpinene; Geranyl acetate; Limonene D- (nat); Geraniol; Eucalyptol; I- Carvone; Pinene beta; p- Cymene; Citronellol; Carvone; Citral	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)	EO Coriander seed; gamma Terpinene; Geranyl acetate; Limonene D- (nat); p- Cymene	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
40.	Camphor; gamma Terpinene; Limonene D- (nat); Eucalyptol; Pinene beta; Camphene; p- Cymene	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (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 (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)

15.1.2. National regulations

Netherlands

SZW-lijst van kankerverwekkende stoffen : EO Coriander seed is listed SZW-lijst van mutagene stoffen : EO Coriander seed is listed SZW-lijst van reprotoxische stoffen – Borstvoeding : The substance is not listed SZW-lijst van reprotoxische stoffen – : The substance is not listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : The substance is not listed

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Safety Data Sheet

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

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 Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3

Safety Data Sheet

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

Full text of H- and EUH-statements:		
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	
Flam. Sol. 1	Flammable solids, Category 1	
Flam. Sol. 2	Flammable solids, Category 2	
H226	Flammable liquid and vapour.	
H228	Flammable solid.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
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.	
H332	Harmful if inhaled.	
H361	Suspected of damaging fertility or the unborn child.	
H371	May cause damage to organs.	
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.	
Repr. 2	Reproductive toxicity, Category 2	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2	

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.