

**SECTION1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product code : COCCOLE DI CASA

UFI: 70F0-F0S0-200F-G82R

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

Essence for the fragrance of the environment.

Sectors of use:

Private households (= general public = consumers)[SU21]

Uses advised against

Do not use for purposes other than those listed

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

Cavoretto Snc di Cavoretto Lorenzo & C.

Via S. Giovanni Bosco 22

10073 Ciriè (TO)

tel. +39.(0).11.920.31.72 (from 08:30 to 12:30 and from 15:30 to 19:30 from Monday to Friday)

mail@cavoretto.net - www.cavoretto.net

Competent person responsible for SDS: mail@cavoretto.net

**1.4. Emergency telephone number**

Cavoretto Snc di Cavoretto Lorenzo & C.

tel. +39.(0).11.920.31.72 (from 08:30 to 12:30 and from 15:30 to 19:30 from Monday to Friday)

**SECTION2. Hazards identification****2.1. Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS07, GHS09

Hazard Class and Category Code(s):

Skin Irrit. 2, Skin Sens. 1B, Eye Irrit. 2, Aquatic Chronic 2

Hazard statement Code(s):

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours, if

brought into contact with skin, it causes significant inflammation with erythema, scabs, or edema

The product, if brought into contact with skin can cause skin sensitization.

The product is dangerous to the environment as it is toxic to aquatic life with long lasting effects

**2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008:

 Pictogram, Signal Word Code(s):  
 GHS07, GHS09 - Warning

 Hazard statement Code(s):  
 H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H411 - Toxic to aquatic life with long lasting effects.

 Supplemental Hazard statement Code(s):  
 not applicable

Precautionary statements:

General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

Prevention

P273 - Avoid release to the environment.

Response

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.

Disposal

P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

Contains:

Hexylsalicylate, Hexyl Cinnamic Aldehyde, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one, Eugenol, Coumarin, Hexyl cinnamal

UFI: 70F0-F0S0-200F-G82R

**2.3. Other hazards**

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

No information on other hazards

**SECTION 3. Composition/information on ingredients**
**3.1 Substances**

Irrelevant

**3.2 Mixtures**

Refer to paragraph 16 for full text of hazard statements

Substance	% (w/w)	Classification	ID
2,6-dimethyloct-7-en-2-ol	>= 14, < 17,%	Skin Irrit. 2, H315; Eye Irrit. 2, H319	INDEX ND

Substance	% (w/w)	Classification	ID
			CAS 18479-58-8 CE 242-362-4 REACH 01-2119457274-37-XXXX
Dipropylenglycol monomethyl ether substance for which there are Community workplace exposure limits	>= 10, < 11, %	ATE oral = 5.130,0 mg/kg ATE dermal = 9.510,0 mg/kg	INDEX - CAS 34590-94-8 CE 252-104-2 REACH 01-2119450011-60-XXXX
		NC	INDEX ND CAS ND CE ND REACH ND
Hexylsalicylate	>= 7,0 < 7,8%	Skin Sens. 1B, H317; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral > 5.000,0 mg/kg ATE dermal > 5.000,0 mg/kg	INDEX ND CAS 6259-76-3 CE 228-408-6 REACH 01-2119638275-36-XXXX
Terpineol	>= 5,5 < 6,3%	Skin Irrit. 2, H315; Eye Irrit. 2, H319 ATE oral = 2.000,0 mg/kg ATE dermal = 2.000,0 mg/kg ATE inhal > 4,8mg/l/4 h	INDEX ND CAS 8000-41-7 CE 232-268-1 REACH 01-2119553062-49-XXXX
Benzyl acetate	>= 5,2 < 6,0%	Aquatic Chronic 3, H412 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 3.690,0 mg/kg	INDEX ND CAS 140-11-4 CE 205-399-7 REACH 01-2119638272-42-XXXX
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	>= 5,1 < 5,9%	Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral > 4.640,0 mg/kg ATE dermal > 6.500,0 mg/kg	INDEX 603-212-00-7 CAS 1222-05-5 CE 214-946-9 REACH 01-2119488227-29-XXXX
2-METHYL-4-PHENYL-2-BUTANOL	>= 4,8 < 5,6%	Eye Irrit. 2, H319; Aquatic Chronic 3, H412 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	INDEX ND CAS 103-05-9 CE 203-074-4 REACH 01-2120758978-28-XXXX
Hexyl cinnamal	>= 4,6 < 5,4%	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 3.100,0 mg/kg	INDEX ND CAS 101-86-0 CE 202-983-3 REACH ND
Hexyl Cinnamic Aldehyde	>= 2,8 < 3,6%	Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 3.100,0 mg/kg	INDEX ND CAS 165184-98-5 CE 639-566-4 REACH 01-2119533092-50-XXXX
2,2,2-Trichloro-1-phenylethyl Acetate	>= 2,3 < 3,1%	Aquatic Chronic 3, H412 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	INDEX ND CAS 90-17-5 CE 201-972-0 REACH 01-2119929625-31-XXXX
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate	>= 2,2 < 3,0%	Aquatic Chronic 2, H411 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	INDEX ND CAS 68912-13-0 CE 272-805-7 REACH 01-2119969447-21-XXXX
octahydro tetramethyl acetone	>= 1,1 < 1,9%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral > 5.000,0 mg/kg ATE dermal > 5.000,0 mg/kg	INDEX ND CAS 54464-57-2 CE 259-174-3 REACH 01-2119489989-04-XXXX
Eugenol	>= 1,0 < 1,6%	Skin Sens. 1B, H317; Eye Irrit. 2, H319 ATE inhal > 2,6mg/l/4 h	INDEX ND CAS 97-53-0 CE 202-589-1 REACH 01-2119971802-33-XXXX
Coumarin	>= 1,0 < 1,4%	Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic	INDEX ND

Substance	% (w/w)	Classification	ID
		Chronic 3, H412 Chronic toxicity M-factor = 1 ATE oral = 293,0 mg/kg	CAS 91-64-5 CE 202-086-7 REACH 01-2119943756-26-XXXX
1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	>= 0,6 < 0,8%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	INDEX ND CAS 68155-67-9 CE 268-979-9 REACH ND
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	>= 0,5 < 0,8%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral > 5.000,0 mg/kg ATE dermal > 5.000,0 mg/kg	INDEX ND CAS 68155-66-8 CE 268-978-3 REACH ND
2,6-di-tert-butyl-p-cresol	>= 0,4 < 0,7%	Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	INDEX - CAS 128-37-0 CE 204-881-4 REACH 01-2119565113-46-XXXX
2,4-dimethyl-3-ciclohexene-1-carboxaldehyde	>= 0,4 < 0,7%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 2, H411 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 3.900,0 mg/kg ATE dermal = 5.000,0 mg/kg	INDEX ND CAS 68039-49-6 CE 268-264-1 REACH 01-2119982384-28-XXXX
p-tert-Butylcyclohexil acetate	>= 0,4 < 0,7%	Skin Sens. 1B, H317 ATE oral = 3.886,0 mg/kg ATE dermal = 4.681,0 mg/kg	INDEX ND CAS 32210-23-4 CE 250-954-9 REACH 01-2119976286-24-XXXX
3-p-Cumenyl-2-methylpropionaldehyde	>= 0,1 < 0,4%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral > 5.000,0 mg/kg ATE dermal > 5.000,0 mg/kg	INDEX ND CAS 103-95-7 CE 203-161-7 REACH 01-2119970582-32-XXXX
2-methyl undecanal	>= 0,1 < 0,3%	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral > 5.000,0 mg/kg ATE dermal = 8.280,0 mg/kg	INDEX ND CAS 110-41-8 CE 203-765-0 REACH 01-2119969443-29-XXXX
2-Buten-1-One, 1-(2,6,6-Trimethyl-2-Cyclohexen-1-Yl)-, (2E)	>= 0,1 < 0,3%	Acute Tox. 4, H302; Skin Sens. 1B, H317; Aquatic Chronic 2, H411 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	INDEX ND CAS 24720-09-0 CE 246-430-4 REACH 01-2120105799-47-XXXX

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

#### Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

#### Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

In case of contact with skin, wash immediately with water.

#### Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your

eyes with a dry sterile gauze. Seek medical advice immediately

Ingestion:

Rinse mouth with water of the subject. Consult a physician.

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

No data available.

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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

#### 5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

### SECTION 6. Accidental release measures

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

6.1.1 For non-emergency personnel:

Wear gloves and protective clothing

6.1.2 For emergency responders:

Wear gloves and protective clothing

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

#### 6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.

Discharge the remains in compliance with the regulations

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

#### 6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing  
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.  
Prevent it from entering the sewer system.

#### 6.3.2 For cleaning up:

After wiping up, wash the area and materials involved

#### 6.3.3 Other information:

None in particular.

### 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact and inhalation of vapors  
At work do not eat or drink.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.  
See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool place, away from sources of heat and direct exposure of sunlight.

### 7.3. Specific end use(s)

Private households (= general public = consumers):  
Handle in a well ventilated area.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Related to contained substances:

Dipropyleneglycol monomethyl ether:

GESTIS International Limit Values (<https://limitvalue.ifa.dguv.de/>)

Australia : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup>

Austria : TLV-TWA= 50 ppm , 307 mg/m<sup>3</sup> - TLV-STEL= 100 ppm , 614 mg/m<sup>3</sup>

Belgium : TLV-TWA= 50 (1) ppm , 308 (1) mg/m<sup>3</sup>

Canada - Ontario : TLV-TWA= 100 ppm - TLV-STEL= 150 ppm

Canada - Québec : TLV-TWA= 100 (1) ppm , 606 (1) mg/m<sup>3</sup> - TLV-STEL= 150 (1)(2) ppm , 909 (1)(2) mg/m<sup>3</sup>

Denmark : TLV-TWA= 50 (1) ppm , 309 (1) mg/m<sup>3</sup> - TLV-STEL= 100 (1)(2) ppm , 618 (1)(2) mg/m<sup>3</sup>

European Union : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup>

Finland : TLV-TWA= 50 ppm , 310 mg/m<sup>3</sup> -

France : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup>

Germany (AGS) : TLV-TWA= 50 (1) ppm , 310 (1) mg/m<sup>3</sup> - TLV-STEL= 50 (1)(2) ppm , 310 (1)(2) mg/m<sup>3</sup>

Germany (DFG) : TLV-TWA= 50 (1) ppm , 310 (1) mg/m<sup>3</sup> - TLV-STEL= 50 (1)(2) ppm , 310 (1)(2) mg/m<sup>3</sup>

Hungary : TLV-TWA= 308 mg/m<sup>3</sup> - TLV-STEL= 308 mg/m<sup>3</sup>

Ireland : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup>  
Israel : TLV-TWA= 100 ppm , 606 mg/m<sup>3</sup> - TLV-STEL= 150 ppm , 909 mg/m<sup>3</sup>  
Italy : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup>  
Latvia : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup> -  
New Zealand : TLV-TWA= 100 ppm , 606 mg/m<sup>3</sup> - TLV-STEL= 150 ppm , 909 mg/m<sup>3</sup>  
People's Republic of China : TLV-TWA= ppm , 600 mg/m<sup>3</sup> - TLV-STEL= ppm , 900 (1) mg/m<sup>3</sup>  
Poland : TLV-TWA= 240 mg/m<sup>3</sup> - TLV-STEL= 280 mg/m<sup>3</sup>  
Romania : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup>  
Singapore : TLV-TWA= 100 ppm , 606 mg/m<sup>3</sup> - TLV-STEL= 150 ppm , 909 mg/m<sup>3</sup>  
South Korea : TLV-TWA= 100 ppm , 600 mg/m<sup>3</sup> - TLV-STEL= 150 ppm , 900 mg/m<sup>3</sup>  
Spain : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup>  
Sweden : TLV-TWA= 50 ppm , 300 mg/m<sup>3</sup> - TLV-STEL= 75 (1) ppm , 450 (1) mg/m<sup>3</sup>  
Switzerland : TLV-TWA= 50 ppm , 300 mg/m<sup>3</sup> - TLV-STEL= 50 ppm , 300 mg/m<sup>3</sup>  
The Netherlands : TLV-TWA= 300 mg/m<sup>3</sup>  
Turkey : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup>  
USA - NIOSH : TLV-TWA= 100 ppm , 600 mg/m<sup>3</sup> - TLV-STEL= 150 (1) ppm , 900 (1) mg/m<sup>3</sup>  
USA - OSHA : TLV-TWA= 100 ppm , 600 mg/m<sup>3</sup>  
United Kingdom : TLV-TWA= 50 ppm , 308 mg/m<sup>3</sup>

Belgium: (1) Additional indication "D" means that the absorption of the agent through the skin, mucous membranes or eyes is an important part of the total exposure. It can be the result of both direct contact and its presence in the air.

Canada – Québec: (1) Skin (2) 15 minutes average value

Denmark: (1) Skin (2) 15 minutes average value

European Union: Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see bibliography)

France: Bold type: Restrictive statutory limit values Skin

Germany (AGS): (1) Inhalable aerosol and vapour (2) 15 minutes reference period

Germany (DFG): (1) Inhalable fraction and vapour (2) 15 minutes average value

Italy: skin

People's Republic of China: (1) 15 minutes average value

Spain: skin

Sweden: (1) 15 minutes average value

USA – NIOSH: (1) 15 minutes average value

Benzyl acetate:

ACGIH - TWA(8h): 10 ppm - Note: A4 - URT irr

2,6-di-tert-butyl-p-cresol:

TLV-TWA=2mg/mL (ACGIH), A4, URT irr

- Substance: 2,6-dimethyloct-7-en-2-ol

DNEL

Systemic effects Long term Workers inhalation = 73,5 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 20,8 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 21,7 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 12,5 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 12,5 (mg/kg bw/day)

PNEC

Sweet water = 0,0278 (mg/l)

sediment Sweet water = 0,594 (mg/kg/sediment)

Sea water = 0,00278 (mg/l)

sediment Sea water = 0,059 (mg/kg/sediment)

intermittent emissions = 0,278 (mg/l)

STP = 10 (mg/l)

ground = 0,103 (mg/kg ground)

- Substance: Dipropyleneglycol monomethyl ether

DNEL

Systemic effects Long term Workers inhalation = 308 (mg/m<sup>3</sup>)  
Systemic effects Long term Workers dermal = 283 (mg/kg bw/day)  
Systemic effects Long term Consumers inhalation = 37,2 (mg/m<sup>3</sup>)  
Systemic effects Long term Consumers dermal = 121 (mg/kg bw/day)  
Systemic effects Long term Consumers oral = 36 (mg/kg bw/day)

## PNEC

Sweet water = 19 (mg/l)  
sediment Sweet water = 70,2 (mg/kg/sediment)  
Sea water = 1,9 (mg/l)  
sediment Sea water = 7,02 (mg/kg/sediment)  
intermittent emissions = 190 (mg/l)  
STP = 4168 (mg/l)  
ground = 4,59 (mg/kg ground)

- Substance: Terpineol

## DNEL

Systemic effects Long term Workers inhalation = 5,8 (mg/m<sup>3</sup>)  
Systemic effects Long term Workers dermal = 1,17 (mg/kg bw/day)  
Systemic effects Long term Consumers inhalation = 1,25 (mg/m<sup>3</sup>)  
Systemic effects Long term Consumers dermal = 0,42 (mg/kg bw/day)  
Systemic effects Long term Consumers oral = 0,42 (mg/kg bw/day)

- Substance: Benzyl acetate

## DNEL

Systemic effects Long term Workers inhalation = 21,9 (mg/m<sup>3</sup>)  
Systemic effects Long term Workers dermal = 6,25 (mg/kg bw/day)  
Systemic effects Long term Consumers inhalation = 5,5 (mg/m<sup>3</sup>)  
Systemic effects Long term Consumers dermal = 3,125 (mg/kg bw/day)  
Systemic effects Long term Consumers oral = 3,125 (mg/kg bw/day)

## PNEC

Sweet water = 0,000004 (mg/l)  
sediment Sweet water = 0,114 (mg/kg/sediment)  
sediment Sea water = 0,0114 (mg/kg/sediment)  
STP = 8,55 (mg/l)  
ground = 0,0205 (mg/kg ground)

- Substance: 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

## DNEL

Systemic effects Short term Workers inhalation = 1,76 (mg/m<sup>3</sup>)  
Systemic effects Short term Workers dermal = 1,73 (mg/kg bw/day)  
Local effects Short term Workers dermal = 0,1011 (mg/kg bw/day)

## PNEC

Sweet water = 0,0028 (mg/l)  
sediment Sweet water = 3,73 (mg/kg/sediment)  
Sea water = 0,00028 (mg/l)  
sediment Sea water = 0,75 (mg/kg/sediment)  
ground = 0,705 (mg/kg ground)

- Substance: p-tert-Butylcyclohexil acetate

## PNEC

Sweet water = 0,0053 (mg/l)  
sediment Sweet water = 2,1 (mg/kg/sediment)  
Sea water = 0,00053 (mg/l)  
sediment Sea water = 0,21 (mg/kg/sediment)  
STP = 12,2 (mg/l)



ground = 0,42 (mg/kg ground)

## 8.2. Exposure controls

Appropriate engineering controls:

Private households (= general public = consumers):

Observe usual safety precautions in the handling of chemicals.

Individual protection measures:

a) Eye / face protection  
Not needed for normal use.

b) Skin protection

i) Hand protection  
Not needed for normal use.

ii) Other  
Wear normal work clothing.

c) Respiratory protection  
Not needed for normal use.

d) Thermal hazards  
No hazard to report

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

## SECTION9. Physical and chemical properties

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

Physical and chemical properties	Value	Determination method
Physical state	Liquid	
Colour	Colorless	
Odour	Characteristic	
Odour threshold	Undefined	
Melting point/freezing point	Undefined	
Boiling point or initial boiling point and boiling range	Undefined	
Flammability	Undefined	
Lower and upper explosion limit	Undefined	
Flash point	Undefined	
Auto-ignition temperature	Undefined	
Decomposition temperature	Undefined	
pH	Undefined	

Physical and chemical properties	Value	Determination method
Kinematic viscosity	Undefined	
Solubility	Undefined	
Water solubility	Undefined	
Partition coefficient n-octanol/water (log value)	Undefined	
Vapour pressure	Undefined	
Density and/or relative density	Undefined	
Relative vapour density	Undefined	
Particle characteristics	Irrelevant	

## 9.2. Other information

### 9.2.1 Information with regard to physical hazard classes

Irrilevant

### 9.2.2 Other safety characteristics

Irrilevant

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazards

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

Nothing to report

### 10.5. Incompatible materials

Nothing to report.

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

**SECTION 11. Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

ATE(mix) oral = 15.333,5 mg/kg

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

(a) acute toxicity: based on available data, the classification criteria are not met.

(b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.

2,4-dimethyl-3-ciclohexene-1-carboxaldehyde: Irritating.

(c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

2,4-dimethyl-3-ciclohexene-1-carboxaldehyde: Irritating.

(d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.

(e) germ cell mutagenicity: based on available data, the classification criteria are not met.

(f) carcinogenicity: based on available data, the classification criteria are not met.

(g) reproductive toxicity: based on available data, the classification criteria are not met.

(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.

(i) specific target organ toxicity (STOT) repeated exposure: Dipropylene glycol monomethyl ether: .

(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

Dipropylene glycol monomethyl ether:

LD50 (rat) Oral (mg/kg body weight) = 5130

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 9510

Hexylsalicylate:

LD50 (rat) Oral (mg/kg body weight) > 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 5000

Terpineol:

LD50 (rat) Oral (mg/kg body weight) = 2000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) > 4,76

Benzyl acetate:

LD50 (rat) Oral (mg/kg body weight) = 3690

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran:

LD50 (rat) Oral (mg/kg body weight) > 4640

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 6500

Hexyl cinnamal:

LD50 (rat) Oral (mg/kg body weight) = 3100

Hexyl Cinnamic Aldehyde:

LD50 (rat) Oral (mg/kg body weight) = 3100

octahydro tetramethyl acetone:

LD50 (rat) Oral (mg/kg body weight) > 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 5000

Eugenol:

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) > 2,6

Coumarin:

LD50 (rat) Oral (mg/kg body weight) = 293

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

LD50 (rat) Oral (mg/kg body weight) > 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 5000

2,4-dimethyl-3-ciclohexene-1-carboxaldehyde:

LD50 (rat) Oral (mg/kg body weight) = 3900

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

p-tert-Butylcyclohexil acetate:

LD50 (rat) Oral (mg/kg body weight) = 3886

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 4681

3-p-Cumenyl-2-methylpropionaldehyde:

LD50 (rat) Oral (mg/kg body weight) > 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 5000

2-methyl undecanal:

LD50 (rat) Oral (mg/kg body weight) > 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 8280

## 11.2. Information on other hazards

No data available.

## SECTION 12. Ecological information

### 12.1. Toxicity

Related to contained substances:

2,6-dimethyloct-7-en-2-ol:

LC50 = 27.8 mg/L (fish, 96h)

EC50 = 38mg/L (daphnia, 48h)

EC50 = 80mg/L (algae, 72h)

Dipropyleneglycol monomethyl ether:

LC50 > 1,000 mg/L (fish, Poecilia reticulata, 96h)

LC50 = 1,919 mg/L (invertebrates, Daphnia magna, 48 h)

LC50 > 1,000 mg/L (invertebrates, Crangon crangon (shrimps), 96h)

E50 > 969 mg/L (algae Pseudokirchneriella subcapitata (algae chloroficee), 96h)

C(E)L50 (mg/l) = 1000

Hexylsalicylate:

LC50 - Species: Danio rerio = 1.34 mg / l - Duration h: 96 OECD 203

EC50 - Species: Daphnia magna = 0.357 mg / l - Duration h: 48

EC50 - Species: Algae = 0.61 mg / l - Duration h: 72

Terpineol:

NOEC=62mg/L (fish, 96h)

NOEC=40mg/L (daphnia, 48h)

NOEC=3.9mg/L (algae, 72h)

NOEC (mg/l) = 40

Benzyl acetate:

LC50 - Species: Fish = 4 mg / l - Duration h: 96 - Notes: Oryzias latipes  
NOEC - Species: Fish = 0.92 mg / l - Notes: Oryzias latipes  
EC50 - Species: Daphnia = 17 mg / l - Duration h: 48  
EC50 - Species: Algae = 92 mg / l - Duration h: 72 - Notes: Desmodesmus subspicatus  
C(E)L50 (mg/l) = 11

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran:  
LC50 - Species: Fish = 0.452 mg / l - Notes: Lepomis macrochirus  
EC50 - Species: Daphnia = 0.9 mg / l - Duration h: 48 - Notes: Daphnia magna  
C(E)L50 (mg/l) = 0,47

Hexyl Cinnamic Aldehyde:  
LC50 - Species: Fish = 1.7 mg / l - Duration h: 96

octahydro tetramethyl acetone:  
LC50 = 1.30 mg/l (fish, lepomis macrochirus, 96h) (OECD TG 203)  
EC50 = 1.38 mg/l (invertebrates, Daphnia magna, 48h) (OECD TG 202)  
EC50 = 2.60 mg/l (algae Desmodesmus subspicatus, 72h,) (OECD TG201)

Coumarin:  
LC50=1.324mg/L (fish, 96h)  
EC50=8.012mg/L (Daphnia, 48h)  
EC50=1.452mg/L (algae, 96h)

1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one:  
LC50 = 1.30 mg/l (fish, lepomis macrochirus, 83d)  
EC50 = 1.38 mg/l (invertebrates, Daphnia magna, 48 h)  
EC50 = 2.60 mg/l (algae Desmodesmus subspicatus, 72 h)  
C(E)L50 (mg/l) = 1,3

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one:  
LC50 = 1.30 mg/l (fish, lepomis macrochirus, 83d) OECD TG 203  
EC50 = 1.38 mg/l (invertebrates, Daphnia magna, 48 h) OECD TG 202  
EC50 = 2.60 mg/l (algae Desmodesmus subspicatus, 72 h) OECD TG 201  
NOEC - Fish = 0.16 mg/l - Note: OECD 210  
C(E)L50 (mg/l) = 1,3

2,6-di-tert-butyl-p-cresol:  
The substance is harmful to aquatic organisms.  
EC50 = 0,758mg/L (algae, 96h)  
EC50 = 0,48mg/L (invertebrates, daphnia magna, 48 h)  
LC50 = 0,199mg/L (fish, 83d)  
EC50 = 1,7 mg/L (microorganisms, psaudomonas putida, 24h)  
C(E)L50 (mg/l) = 0,199

p-tert-Butylcyclohexil acetate:  
EC50 - Species: Daphnia = 5.3 mg / l - Duration h: 48 - Notes: Daphnia magna  
EC50 - Species: Fish = 22 mg / l - Duration h: 72 - Notes: Desmodesmus subspicatus  
LC50 - Species: Fish = 8.6 mg / l - Duration h: 96 - Notes: Cyprinus carpio  
NOEC - Species: Fish = 6.8 mg / l - Duration h: 72 - Notes: Desmodesmus subspicatus

2-methyl undecanal:  
LC50 - Species: Oncorhynchus mykiss = 0.35 mg / l - Duration: 96h

EC50 - Species: Daphnia magna = 0.21 mg / l - Duration: 48h  
EC50 - Species: Pseudokirchneriella subcapitata = 0.18 mg / l - Duration: 72h

The product is dangerous for the environment as it is toxic to aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

Related to contained substances:

2,6-dimethyloct-7-en-2-ol:

Readily biodegradable - 72.1% (28d) OECD 301B

Dipropyleneglycol monomethyl ether:

Readily degradable in the environment.

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran:

Biodegradability: Not readily biodegradable - Test: Modified Sturm's assay - 2%

octahydro tetramethyl acetone:

OECD 301B - 28 days - 72.1%

2,6-di-tert-butyl-p-cresol:

Not rapidly biodegradable

2-methyl undecanal:

Quickly biodegradable

### 12.3. Bioaccumulative potential

Related to contained substances:

Dipropyleneglycol monomethyl ether:

FBC < 100

Log Pow <3

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

### 12.6. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

### 12.7. Other adverse effects

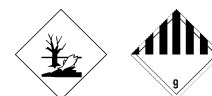
No adverse effects

**SECTION13. Disposal considerations****13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

**SECTION14. Transport information****14.1. UN number or ID number**

ADR/RID/IMDG/ICAO-IATA: 3082



If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 5 L per package 30 Kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 5 L per package 20 Kg

**14.2. UN proper shipping name**

ADR/RID/IMDG: MATERIA PERICOLOSA PER L'AMBIENTE, LIQUIDA, N.A.S.

(1,3,4,6,7,8-esaidro-4,6,6,7,8,8-esametillinden[5,6-c]pirano, 2,6-di-ter-butyl-p-cresolo, Limonene)

ADR/RID/IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, 2,6-di-tert-butyl-p-cresol, d-limonene)

ICAO-IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, 2,6-di-tert-butyl-p-cresol, d-limonene)

**14.3. Transport hazard class(es)**

ADR/RID/IMDG/ICAO-IATA: Class : 9

ADR/RID/IMDG/ICAO-IATA: Label : 9 + Ambiente

ADR: Tunnel restriction code : --

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 5 L

IMDG - EmS : F-A, S-F

**14.4. Packing group**

ADR/RID/IMDG/ICAO-IATA: III

**14.5. Environmental hazards**

ADR/RID/ICAO-IATA: Product is environmentally hazardous

IMDG: Marine polluting agent : Yes

**14.6. Special precautions for user**

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.

The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations.

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

It is not intended to carry bulk

### SECTION 15. Regulatory information

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

REGULATION (EC) 1907/2006 (REACH) - Annex XIV, Annex XVII as amended.

REGULATION (EC) 1272/2008 (CLP) as amended.

COMMISSION DELEGATED REGULATION (EU) 2020/1182

COMMISSION DELEGATED REGULATION (EU) 2021/643

COMMISSION DELEGATED REGULATION (EU) 2021/849

REGULATION (EU) 878/2020 (Requirements for the compilation of safety data sheets)

REGULATION (EC) 790/2009, Dir 96/82/EC as amended.

Seveso category:

E2 - ENVIRONMENTAL HAZARDS

REGULATION (EU) No 1357/2014 - waste:

HP4 - Irritant — skin irritation and eye damage

HP14 - Ecotoxic

Substances in the Candidate List (REACH Article 59)

Based on available data, no SVHC substances are present

#### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

### SECTION 16. Other information

#### 16.1. Other information

Description of the hazard statements exposed to point 3

H315 = Causes skin irritation.

H319 = Causes serious eye irritation.

H317 = May cause an allergic skin reaction.

H410 = Very toxic to aquatic life with long lasting effects.

H412 = Harmful to aquatic life with long lasting effects.

H400 = Very toxic to aquatic life.

H411 = Toxic to aquatic life with long lasting effects.

H302 = Harmful if swallowed.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

H315-Causes skin irritation.Classification procedure:Calculation method

H317-May cause an allergic skin reaction.Classification procedure:Calculation method

H319-Causes serious eye irritation.Classification procedure:Calculation method

H411-Toxic to aquatic life with long lasting effects.Classification procedure:Calculation method

Bibliographic data :

SAX 12 Ed Van Nostrand Reinhold

MERCK INDEX 15 Ed



ECHA: European Chemicals Agency (<https://echa.europa.eu/it/information-on-chemicals>)  
OSHA: European Agency for Safety and Health at Work  
IARC: International Agency for Research on Cancer  
IPCS: International Programme on Chemical Safety (Cards)  
NIOSH: Registry of toxic effects of chemical substances (1983)  
ACGIH: American Conference of Governmental Industrial Hygienists  
TOXNET: Toxicology Data Network  
WHO: World Health Organization  
CheLIST: Chemical Lists Information System  
GESTIS: International Limit Value (<https://limitvalue.ifa.dguv.de/>)

**Acronyms:**

- ACGIH American Conference of Governmental Industrial Hygienists
- ADR Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route (European accord regarding international transport of dangerous goods by land)
- bw body weight
- CLP Classification, Labelling and Packaging
- CSR Chemical Safety Report
- DMEL Derived Minimal Effect Level
- DNEL Derived No Effect Level
- dw dry weight
- EC Effective Concentration
- IATA International Air Transport Association
- IMDG International Maritime Dangerous Goods
- LC Lethal Concentration
- LD Lethal Dose
- m.w. molecular weight
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration
- OECD Organisation / Office for Economic Co-operation and Development
- STEL Short Term Exposure Limit
- SVHC Substance of Very High Concern
- TLV Threshold Limit Value
- TWA Time Weighted Average
- vPvB very Persistent, very Bioaccumulative and toxic
- WGK Wassergefährdungsklasse (Water hazard class)

**NOTICE TO USERS**

The information contained in this sheet are based on the knowledge available at the date of the preparation of this sheet.

The user must be aware of the possible risks associated with the use of the product, other than that for which the product is supplied. The sheet does not exonerate the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfill its obligations regarding the use of hazardous products.

This sheet does not exonerate the user from other legal obligations than those mentioned and from rules regulating possession and use of the product, since the user is the only responsible.

\*\*\* This sheet supersedes all previous editions.