

# Safety Data Sheet

## Fresca Foglia Boccettino Cool Water



Safety Data Sheet dated 13/12/2021, version 3

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

#### 1.1. Product identifier

Mixture identification:

Trade name: Fresca Foglia Boccettino Cool Water

Trade code: 16631

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

Recommended use:

Car air freshener

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

Supplier:

Arexons S.p.A.

via Antica di Cassano, 23, 20063

Cernusco sul Naviglio (MI), Italy

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

Competent person responsible for the safety data sheet:

arexons@arexons.it

#### 1.4. Emergency telephone number

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

In Ireland: Beaumont Hospital - National Poisons Information Centre 01 809 2166 (7days, 8:00 - 22:00)

In South Africa: Poison Information Helpline 0861 555 777

In Malta: emergency number 112

### SECTION 2: Hazards identification

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

EC regulation criteria 1272/2008 (CLP):

⚠ Warning, Skin Sens. 1B, May cause an allergic skin reaction.

⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with applicable regulations.

#### Special Provisions:

EUH208 Contains (R)-p-mentha-1,8-diene; d-limonene. May produce an allergic reaction.

EUH208 Contains Linalyl acetate. May produce an allergic reaction.

EUH208 Contains Coumarin. May produce an allergic reaction.

EUH208 Contains Linalool. May produce an allergic reaction.

EUH208 Contains NOPYL ACETATE. May produce an allergic reaction.

EUH208 Contains Reaction mass of cis-1-methyl-1-(4-methylcyclohexyl) ethyl acetate and trans-1-methyl-1-(4-methylcyclohexyl) ethyl acetate and cis-4-isopropyl-1-methylcyclohexyl acetate and trans-4-isopropyl-1-methylcyclohexyl acetate. May produce an allergic reaction.

EUH208 Contains (-)-Pin-2(10)-ene. May produce an allergic reaction.

EUH208 Contains citral. May produce an allergic reaction.

#### Contains

[3R-(3a,3aβ,7β,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one

#### Special provisions according to Annex XVII of REACH and subsequent amendments:

None

#### 2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

#### Other Hazards:

No other hazards

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

$\geq 3\%$  -  $< 5\%$  2,6,6,8-TETRAMETHYLTRICYCLO(5,3,1,0UNDECA)8-YL ACETATE

CAS: 77-54-3, EC: 201-036-1

⚠ 4.1/C2 Aquatic Chronic 2 H411

$\geq 3\%$  -  $< 5\%$  (R)-p-mentha-1,8-diene; d-limonene

REACH No.: 01-2119529223-47, Index number: 601-029-00-7, CAS: 5989-27-5, EC: 227-813-5

⚠ 4.1/A1 Aquatic Acute 1 H400

⚠ 2.6/3 Flam. Liq. 3 H226

⚠ 4.1/C1 Aquatic Chronic 1 H410

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.4.2/1 Skin Sens. 1 H317

$\geq 2\%$  -  $< 3\%$

[3R-(3a,3aβ,7β,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one

REACH No.: 01-2119969651-28, CAS: 32388-55-9, EC: 251-020-3

⚠ 3.4.2/1B Skin Sens. 1B H317

⚠ 4.1/A1 Aquatic Acute 1 H400

⚠ 4.1/C1 Aquatic Chronic 1 H410

$\geq 2\%$  -  $< 3\%$  1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB)

REACH No.: 01-2119488227-29, Index number: 603-212-00-7, CAS: 1222-05-5, EC: 214-946-9

⚠ 4.1/A1 Aquatic Acute 1 H400

⚠ 4.1/C1 Aquatic Chronic 1 H410

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- >= 2% - < 3% 1-HEXANOL,3,5,5-TRIMETHYL-,1 ACETATE  
REACH No.: 01-2119972325-34, CAS: 58430-94-7, EC: 261-245-9  
⚠ 3.2/2 Skin Irrit. 2 H315  
⚠ 4.1/C2 Aquatic Chronic 2 H411
- >= 0.5% - < 1% Linalyl acetate  
REACH No.: 01-2119454789-19, CAS: 115-95-7, EC: 204-116-4  
⚠ 3.2/2 Skin Irrit. 2 H315  
⚠ 3.4.2/1B Skin Sens. 1B H317  
⚠ 3.3/2 Eye Irrit. 2 H319
- >= 0.5% - < 1% Reaction mass of 2-methylbutyl salicylate and pentyl salicylate  
REACH No.: 01-2119969444-27, EC: 911-280-7  
⚠ 3.1/4/Oral Acute Tox. 4 H302  
⚠ 4.1/A1 Aquatic Acute 1 H400  
⚠ 4.1/C1 Aquatic Chronic 1 H410
- >= 0.5% - < 1% Acetyl hexamethyl tetralin  
REACH No.: 01-2119539433-40, CAS: 1506-02-1, EC: 244-240-6  
⚠ 3.1/4/Oral Acute Tox. 4 H302  
⚠ 4.1/A1 Aquatic Acute 1 H400  
⚠ 4.1/C1 Aquatic Chronic 1 H410
- >= 0.25% - < 0.5% Coumarin  
REACH No.: 01-2119949300-45, CAS: 91-64-5, EC: 202-086-7  
⚠ 3.1/4/Oral Acute Tox. 4 H302  
4.1/C3 Aquatic Chronic 3 H412  
⚠ 3.4.2/1 Skin Sens. 1 H317
- >= 0.25% - < 0.5% Linalool  
REACH No.: 01-2119474016-42, Index number: 603-235-00-2, CAS: 78-70-6, EC: 201-134-4  
⚠ 3.2/2 Skin Irrit. 2 H315  
⚠ 3.4.2/1B Skin Sens. 1B H317  
⚠ 3.3/2 Eye Irrit. 2 H319
- >= 0.25% - < 0.5% NOPYL ACETATE  
REACH No.: 01-2119982322-38, CAS: 128-51-8, EC: 204-891-9  
⚠ 3.3/2 Eye Irrit. 2 H319  
⚠ 3.4.2/1 Skin Sens. 1 H317  
⚠ 4.1/C2 Aquatic Chronic 2 H411
- >= 0.25% - < 0.5% Reaction mass of cis-1-methyl-1-(4-methylcyclohexyl) ethyl acetate and trans-1-methyl-1-(4-methylcyclohexyl) ethyl acetate and cis- 4-isopropyl-1-methylcyclohexyl acetate and trans-4-isopropyl-1-methylcyclohexyl acetate  
REACH No.: 01-2119983293-30, EC: 939-728-7  
⚠ 4.1/C2 Aquatic Chronic 2 H411  
⚠ 3.4.2/1B Skin Sens. 1B H317  
⚠ 3.3/2 Eye Irrit. 2 H319
- >= 0.25% - < 0.5% 3-Decen-5-ol, 4-methyl-  
REACH No.: 01-2119983528-21, CAS: 81782-77-6, EC: 279-815-0  
⚠ 4.1/A1 Aquatic Acute 1 H400 M=1.  
⚠ 4.1/C2 Aquatic Chronic 2 H411 M=1.
- >= 0.1% - < 0.25% 1,4-cyclohexadiene,1-menthyl-4-(-1-menthylethyl)-  
REACH No.: 01-2120780478-40, CAS: 99-85-4, EC: 202-794-6

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- ◊ 2.6/3 Flam. Liq. 3 H226
- ◊ 3.7/2 Repr. 2 H361fd
- ◊ 4.1/C2 Aquatic Chronic 2 H411

>= 0.1% - < 0.25% (-)-Pin-2(10)-ene

REACH No.: 01-2119519230-54, CAS: 127-91-3, EC: 242-060-2

- ◊ 2.6/3 Flam. Liq. 3 H226
- ◊ 4.1/A1 Aquatic Acute 1 H400
- ⚠ 3.2/2 Skin Irrit. 2 H315
- ⚠ 3.4.2/1B Skin Sens. 1B H317
- ◊ 3.10/1 Asp. Tox. 1 H304
- ◊ 4.1/C1 Aquatic Chronic 1 H410

>= 0.1% - < 0.25% citral

REACH No.: 01-2119462829-23, Index number: 605-019-00-3, CAS: 5392-40-5, EC: 226-394-6

- ⚠ 3.2/2 Skin Irrit. 2 H315
- ⚠ 3.4.2/1B Skin Sens. 1B H317
- ⚠ 3.3/2 Eye Irrit. 2 H319

9 ppm 5-methylheptan-3-one

Index number: 606-020-00-1, CAS: 541-85-5, EC: 208-793-7

- ◊ 2.6/3 Flam. Liq. 3 H226
- ⚠ 3.3/2 Eye Irrit. 2 H319
- ⚠ 3.8/3 STOT SE 3 H335

Specific Concentration Limits:

C >= 10%: STOT SE 3 H335

632 ppb isopentyl acetate

REACH No.: 01-2119548408-32, Index number: 607-130-00-2, CAS: 123-92-2, EC: 204-662-3

- ◊ 2.6/3 Flam. Liq. 3 H226
- EUH066

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#### SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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### SECTION 5: Firefighting measures

- 5.1. Extinguishing media
  - Appropriate Extinguishing Media:
    - To carbon dioxide.
    - Foam
    - Water spray.
  - Not Recommended Extinguishing Media:
    - Do not use direct water jets.
- 5.2. Special hazards arising from the substance or mixture
  - Do not inhale explosion and combustion gases.
  - Burning produces heavy smoke.
- 5.3. Advice for firefighters
  - Use suitable breathing apparatus .
  - Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
  - Move undamaged containers from immediate hazard area if it can be done safely.

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### SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
  - Wear personal protection equipment.
  - Remove persons to safety.
  - See protective measures under point 7 and 8.
- 6.2. Environmental precautions
  - Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
  - Retain contaminated washing water and dispose it.
  - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
  - Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
  - Wash with plenty of water.
- 6.4. Reference to other sections
  - See also section 8 and 13

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### SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
  - Avoid contact with skin and eyes, inhalation of vapours and mists.
  - Don't use empty container before they have been cleaned.
  - Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
  - See also section 8 for recommended protective equipment.
  - Advice on general occupational hygiene:
    - Contaminated clothing should be changed before entering eating areas.
    - Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities
  - Keep away from food, drink and feed.
  - None in particular.
  - Instructions as regards storage premises:
    - Adequately ventilated premises.
- 7.3. Specific end use(s)
  - None in particular

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### SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
  - (-)-Pin-2(10)-ene - CAS: 127-91-3
    - ACGIH - TWA(8h): 20 ppm - Notes: DSEN, A4 - Lung irr

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citral - CAS: 5392-40-5  
 ACGIH - TWA(8h): 5 ppm - Notes: (IFV), Skin, DSEN, A4 - Body weight eff, URT irr, eye dam  
 5-methylheptan-3-one - CAS: 541-85-5  
 EU - TWA(8h): 53 mg/m<sup>3</sup>, 10 ppm - STEL: 107 mg/m<sup>3</sup>, 20 ppm  
 ACGIH - TWA(8h): 10 ppm - Notes: Neurotoxicity  
 isopentyl acetate - CAS: 123-92-2  
 EU - TWA(8h): 270 mg/m<sup>3</sup>, 50 ppm - STEL: 540 mg/m<sup>3</sup>, 100 ppm  
 ACGIH - TWA(8h): 50 ppm - STEL: 100 ppm - Notes: URT irr

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

Safety goggles.

Compliant with EN 166

Protection for skin:

protective clothing

Protection for hands:

Nitrile or Viton gloves.

Compliant with EN 374.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

## SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Physical state:	Liquid	--	--
Colour:	Light yellow	--	--
Odour:	Characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--

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Decomposition temperature:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0,929 - 0,959	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information  
No other relevant information

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## SECTION 10: Stability and reactivity

- 10.1. Reactivity  
Stable under normal conditions
- 10.2. Chemical stability  
Stable under normal conditions
- 10.3. Possibility of hazardous reactions
- 10.4. Conditions to avoid  
Excessive heat.  
Flames and other sources of ignition.
- 10.5. Incompatible materials  
None in particular.
- 10.6. Hazardous decomposition products  
None.

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## SECTION 11: Toxicological information

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

Toxicological information of the product:

FF Boccettino Cool Water ml 4,5

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

Test: LD50 - Route: Skin > 5000 mg/kg

Test: LD50 - Route: Oral > 5000 mg/kg

Test: LC50 - Route: Inhalation > 100 mg/l

b) skin corrosion/irritation

Not classified

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- c) serious eye damage/irritation  
Based on available data, the classification criteria are not met  
Not classified
- d) respiratory or skin sensitisation  
Based on available data, the classification criteria are not met  
The product is classified: Skin Sens. 1B H317
- e) germ cell mutagenicity  
Not classified  
Based on available data, the classification criteria are not met
- f) carcinogenicity  
Not classified  
Based on available data, the classification criteria are not met
- g) reproductive toxicity  
Not classified  
Based on available data, the classification criteria are not met
- h) STOT-single exposure  
Not classified  
Based on available data, the classification criteria are not met
- i) STOT-repeated exposure  
Not classified  
Based on available data, the classification criteria are not met
- j) aspiration hazard  
Not classified  
Based on available data, the classification criteria are not met

#### Toxicological information of the main substances found in the product:

(R)-p-mentha-1,8-diene; d-limonene - CAS: 5989-27-5

##### a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 4400 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Test: LD50 - Route: Oral - Species: Mouse 5600 mg/kg

##### b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: Rabbit Positive

##### d) respiratory or skin sensitisation:

Test: Skin Sensitization - Route: Skin - Species: esseri umani Negative

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) - CAS: 1222-05-5

##### a) acute toxicity:

Test: LD50 - Route: Skin - Species: Rat > 6500 mg/kg

Test: LD50 - Route: Oral - Species: Rat > 4640 mg/kg

##### e) germ cell mutagenicity:

Test: Mutagenesis - Species: vitro Negative

Linalyl acetate - CAS: 115-95-7

##### a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 14000 mg/kg

Test: LD50 - Route: Oral - Species: Mouse 13360 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Test: LC50 - Route: Inhalation - Species: Mouse Positive - Duration: 1.5h

##### b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: esseri umani Negative

##### c) serious eye damage/irritation:

Test: Eye Irritant - Route: EYE - Species: Rabbit Negative

##### j) aspiration hazard:

Test: Respiratory Tract Irritant - Species: esseri umani Negative

Acetyl hexamethyl tetralin - CAS: 1506-02-1

##### a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 964 mg/kg



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- Test: LD50 - Route: Skin - Species: Rabbit 6740 mg/kg  
Linalool - CAS: 78-70-6
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat 2.790 mg/kg  
Test: LD50 - Route: Oral - Species: Mouse 2.200 mg/kg  
Test: LC50 - Route: Inhalation - Species: Mouse Positive - Duration: 1.5h  
Test: LD50 - Route: Skin - Species: Rabbit 5.610 mg/kg
- b) skin corrosion/irritation:  
Test: Skin Irritant - Route: Skin - Species: Rabbit Positive - Duration: 7h
- c) serious eye damage/irritation:  
Test: Eye Irritant - Route: Skin - Species: Rabbit Positive - Duration: 72h
- d) respiratory or skin sensitisation:  
Test: Skin Sensitization - Route: Skin - Species: CAVIA Negative  
Test: Inhalation Sensitization - Route: Inhalation - Species: CAVIA Negative
- e) germ cell mutagenicity:  
Test: Mutagenesis - Species: Salmonella Typhimurium Negative  
Test: Genotoxicity - Species: Mouse Negative
- NOPYL ACETATE - CAS: 128-51-8
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat 3000 mg/kg
- 1,4-cyclohexadiene,1-menthyl-4-(-1-menthylethyl)- - CAS: 99-85-4
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat 3650 mg/kg
- (-)-Pin-2(10)-ene - CAS: 127-91-3
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 4700 mg/kg
- citral - CAS: 5392-40-5
- a) acute toxicity:  
Test: LD50 - Route: Skin - Species: Rabbit 4950 mg/kg  
Test: LD50 - Route: Oral - Species: Rat 2250 mg/kg
- 5-methylheptan-3-one - CAS: 541-85-5
- a) acute toxicity:  
Test: LD50 - Route: Inhalation - Species: Mouse 16 mg/l - Duration: 4h  
Test: LD50 - Route: Oral - Species: Rat 3500 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 16000 mg/kg

#### 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

(R)-p-mentha-1,8-diene; d-limonene - CAS: 5989-27-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 0.72 mg/l - Duration h: 96

Endpoint: EC50 - Species: Fish 0.688 mg/l - Duration h: 96

[3R-(3a,3a $\beta$ ,7 $\beta$ ,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one - CAS: 32388-55-9

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 7.7 mg/l - Duration h: 96

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) - CAS: 1222-05-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 0.47 mg/l

Endpoint: EC50 - Species: Daphnia = 0.9 mg/l - Duration h: 48

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1-HEXANOL,3,5,5-TRIMETHYL-,1 ACETATE - CAS: 58430-94-7

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 7.7 mg/l - Duration h: 96 - Notes: OECD 203

citral - CAS: 5392-40-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae 16 mg/l - Duration h: 72

Endpoint: EC50 - Species: Algae 19 mg/l - Duration h: 96

Endpoint: LC50 - Species: Fish 4.6-10 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia 7 mg/l - Duration h: 48

5-methylheptan-3-one - CAS: 541-85-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 80 mg/l - Duration h: 24

isopentyl acetate - CAS: 123-92-2

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia 42 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae 450 mg/l - Duration h: 72

#### 12.2. Persistence and degradability

None

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) - CAS: 1222-05-5

Biodegradability: Non-readily biodegradable - %: 2 - Notes: Saggio di Sturm modificato

#### 12.3. Bioaccumulative potential

1,4-cyclohexadiene,1-menthyl-4-(-1-menthylethyl)- - CAS: 99-85-4

Test: log Pow 4.5

isopentyl acetate - CAS: 123-92-2

Bioaccumulation: Not bioaccumulative - Test: BCF - Bioconcentration factor 10

#### 12.4. Mobility in soil

N.A.

#### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

#### 12.6. Endocrine disrupting properties

No endocrine disrupting substances present in concentration  $\geq 0.1\%$

#### 12.7. Other adverse effects

None

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

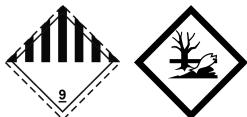
Recover if possible. In so doing, comply with the local and national regulations currently in force.

Additional disposal information:

Reuse if possible. Act in accordance with the local and national laws in force.

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### SECTION 14: Transport information



#### 14.1. UN number or ID number

ADR-UN Number: 3082

IATA-UN Number: 3082

IMDG-UN Number: 3082

#### 14.2. UN proper shipping name

ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.((R)-p-mentha-1,8-diene; d-limonene,

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1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB))  
IATA-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.((R)-p-mentha-1,8-diene; d-limonene,  
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran;  
galaxolide; (HHCB))  
IMDG-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.((R)-p-mentha-1,8-diene; d-limonene,  
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran;  
galaxolide; (HHCB))

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

ADR-Class: 9  
ADR - Hazard identification number: 90  
IATA-Class: 9  
IATA-Label: 9  
IMDG-Class: 9

#### 14.4. Packing group

ADR-Packing Group: III  
IATA-Packing group: III  
IMDG-Packing group: III

#### 14.5. Environmental hazards

ADR-Environmental Pollutant: Yes  
IMDG-Marine pollutant: Marine Pollutant  
IMDG-EmS: F-A,  
S-F

#### 14.6. Special precautions for user

ADR-Subsidiary hazards: -  
ADR-S.P.: 274 335 375 601  
ADR-Transport category (Tunnel restriction code): 3 (-)  
IATA-Passenger Aircraft: 964  
IATA-Subsidiary hazards: -  
IATA-Cargo Aircraft: 964  
IATA-S.P.: A97 A158 A197 A215  
IATA-ERG: 9L  
IMDG-Subsidiary hazards: -  
IMDG-Stowage and handling: Category A  
IMDG-Segregation: -

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

N.A.  
Limited Quantity: 5 L  
Exempted Quantity: E1

## SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) n. 2020/878  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)

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Regulation (EU) n. 2016/1179 (ATP 9 CLP)  
Regulation (EU) n. 2017/776 (ATP 10 CLP)  
Regulation (EU) n. 2018/669 (ATP 11 CLP)  
Regulation (EU) n. 2018/1480 (ATP 13 CLP)  
Regulation (EU) n. 2019/521 (ATP 12 CLP)  
Regulation (EU) n. 2020/217 (ATP 14 CLP)  
Regulation (EU) n. 2020/1182 (ATP 15 CLP)  
Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restrictions related to the substances contained:

Restriction 40

Restriction 75

Volatile Organic compounds - VOCs = 3.21 %

Volatile Organic compounds - VOCs = 32.10 g/Kg

Volatile Organic compounds - VOCs = 31.43 g/l

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: E2

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out:

None

### SECTION 16: Other information

Text of phrases referred to under heading 3:

H411 Toxic to aquatic life with long lasting effects.

H400 Very toxic to aquatic life.

H226 Flammable liquid and vapour.

H410 Very toxic to aquatic life with long lasting effects.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H302 Harmful if swallowed.

H412 Harmful to aquatic life with long lasting effects.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H304 May be fatal if swallowed and enters airways.

H335 May cause respiratory irritation.

EUH066 Repeated exposure may cause skin dryness or cracking.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4

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Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Paragraphs modified from the previous revision:

SECTION 14: Transport information

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

<b>Classification according to Regulation (EC) Nr. 1272/2008</b>	<b>Classification procedure</b>
Skin Sens. 1B, H317	Calculation method
Aquatic Chronic 2, H411	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
 Commission of the European Communities  
 SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
 Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

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DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NA:	Not applicable
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.