Safety Data Sheet
AIRTECH CAR ORIENTAL FLOWER ML 7

Safety Data Sheet dated 13/7/2021, version 9

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

1.1. Product identifier

Mixture identification:

Trade name: AIRTECH CAR ORIENTAL FLOWER ML 7

Trade code: 1422

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

Recommended use:

Car air freshener

Uses advised against:

Strictly adhere to the recommended uses.

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 3, Harmful 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.

H412 Harmful 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.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
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 BUTYLPHENYL METHYLPROPIONAL (=Denominazione INCI). May produce an allergic reaction.
EUH208 Contains Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one.. May produce an allergic reaction.
EUH208 Contains Linalyl acetate. May produce an allergic reaction.
EUH208 Contains 3-(4-TERTBUTYLPHENYL) PROPANAL. May produce an allergic reaction.
EUH208 Contains ALPHA-ISOMETHYL IONONE. May produce an allergic reaction.
EUH208 Contains Benzyl salicylate. May produce an allergic reaction.
EUH208 Contains CITRONELLOL. May produce an allergic reaction.
EUH208 Contains HYDROXYCITRONELLAL. May produce an allergic reaction.
EUH208 Contains [3R-(3a,3aß,7ß,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one. May produce an allergic reaction.
EUH208 Contains 3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL. May produce an allergic reaction.

Contains

Ethyl linalool

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 >= 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:

>= 40% - < 50% Dipropylen glycol methyl ether

REACH No.: 01-2119450011-60, CAS: 34590-94-8, EC: 252-104-2
Substance with a Union workplace exposure limit.

>= 2% - < 3% Ethyl linalool

REACH No.: 01-2119969272-32, CAS: 10339-55-6, EC: 233-732-6
3.2/2 Skin Irrit. 2 H315
3.4.2/1B Skin Sens. 1B H317
3.3/2 Eye Irrit. 2 H319

>= 1% - < 2% BUTYLPHENYL METHYLPROPIONAL (=Denominazione INCI)

REACH No.: 01-2119485965-18, CAS: 80-54-6, EC: 201-289-8
3.1/4/Oral Acute Tox. 4 H302
3.2/2 Skin Irrit. 2 H315
3.4.2/1 Skin Sens. 1 H317
3.7/2 Repr. 2 H361
4.1/C3 Aquatic Chronic 3 H412

>= 0.5% - < 1% Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one.
REACH No.: 01-2119489989-04, EC: 915-730-3
3.2/2 Skin Irrit. 2 H315
3.4.2/1 Skin Sens. 1 H317
4.1/C1 Aquatic Chronic 1 H410

>= 0.5% - < 1% 3-(4-TERTBUTYLPHENYL) PROPANAL
REACH No.: 01-2119983533-30, CAS: 18127-01-0, EC: 242-016-2
4.1/C3 Aquatic Chronic 3 H412
3.7/2 Repr. 2 H361
3.2/2 Skin Irrit. 2 H315
3.4.2/1B Skin Sens. 1B H317
3.9/2 STOT RE 2 H373

>= 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% Benzyl salicylate
REACH No.: 01-2119969442-31, CAS: 118-58-1, EC: 204-262-9
3.3/2 Eye Irrit. 2 H319
3.4.2/1B Skin Sens. 1B H317
4.1/C3 Aquatic Chronic 3 H412

>= 0.5% - < 1% ALPHA-ISOMETHYL IONONE
REACH No.: 01-2119471851-35, CAS: 127-51-5, EC: 204-846-3
3.3/2 Eye Irrit. 2 H319
3.4.2/1B Skin Sens. 1B H317
4.1/C2 Aquatic Chronic 2 H411

>= 0.25% - < 0.5% CITRONELLOL
REACH No.: 01-2119453995-23, CAS: 106-22-9, EC: 203-375-0
3.2/2 Skin Irrit. 2 H315
3.3/2 Eye Irrit. 2 H319
3.4.2/1B Skin Sens. 1B H317

>= 0.25% - < 0.5% HYDROXYCITRONELLAL
CAS: 107-75-5, EC: 203-518-7
3.3/2 Eye Irrit. 2 H319
3.4.2/1B Skin Sens. 1B H317

>= 0.1% - < 0.25% [3R-(3a,3aß,7ß,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

>= 0.1% - < 0.25% CIS 3 HEXENYL SILICYLATE

REACH No.: 01-2119987320-37, CAS: 65405-77-8, EC: 265-745-8
4.1/A1 Aquatic Acute 1 H400

>= 0.1% - < 0.25% 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

>= 0.1% - < 0.25% 3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL
CAS: 1205-17-0, EC: 214-881-6
3.4.2/1B Skin Sens. 1B H317
3.7/2 Repr. 2 H361
4.1/C2 Aquatic Chronic 2 H411

SVHC, PBT, vPvB, endocrine disruptor substances:
>= 1% - < 2% BUTYLPHENYL METHYLPROPIONAL (=Denominazione INCI)
REACH No.: 01-2119485965-18, CAS: 80-54-6, EC: 201-289-8
SVHC

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

SECTION 5: Firefighting measures

5.1. Extinguishing media
Appropriate Extinguishing Media:
To dust.
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.

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

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:
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.
7.2. Conditions for safe storage, including any incompatibilities
Store in well-closed containers, preferably in a cool place, away from sources of heat and direct sunlight.
Store in a dry place.
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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Dipropylen glycol methyl ether - CAS: 34590-94-8
EU - TWA(8h): 308 mg/m3, 50 ppm - Notes: Skin
ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: Skin - Eye and URT irr, CNS impair
DNEL Exposure Limit Values
Dipropylen glycol methyl ether - CAS: 34590-94-8
Consumer: 36 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Professional: 308 mg/m3 - Consumer: 37.2 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 283 mg/kg - Consumer: 121 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Ethyl linalool - CAS: 10339-55-6
Worker Professional: 2.7 mg/kg - Consumer: 1.4 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 3 mg/m3 - Consumer: 0.74 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 0.2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Professional: 5.5 mg/kg - Consumer: 2.7 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects
Worker Professional: 18 mg/m3 - Consumer: 4.4 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

BUTYLPHENYL METHYLPROPIONAL (=Denominazione INCI) - CAS: 80-54-6
Worker Professional: 2.075 mg/kg - Consumer: 1.0375 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 0.44 mg/m3 - Consumer: 0.11 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 0.0625 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

3-(4-TERTBUTYLPHENYL) PROPANAL - CAS: 18127-01-0
Worker Professional: 0.89 mg/kg - Consumer: 0.45 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 0.308 mg/m3 - Consumer: 0.0544 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 0.03 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Professional: 3.57 mg/kg - Consumer: 1.79 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects
Worker Professional: 0.88 mg/m3 - Consumer: 0.22 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Benzyl salicylate - CAS: 118-58-1
Worker Professional: 0.9 mg/kg - Consumer: 0.45 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 3.17 mg/m3 - Consumer: 0.78 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 0.45 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

CITRONELLOL - CAS: 106-22-9
Worker Professional: 327.4 mg/kg - Consumer: 196.4 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 161.6 mg/m3 - Consumer: 47.8 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 13.8 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Professional: 10 mg/m3 - Consumer: 10 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Worker Professional: 10 mg/m3 - Consumer: 10 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects

HYDROXYCITRONELLAL - CAS: 107-75-5
Worker Professional: 1.9 mg/kg - Consumer: 1.1 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 18 mg/m3 - Consumer: 5.4 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 0.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

CIS 3 HEXENYL SILICYLATE - CAS: 65405-77-8
Worker Professional: 0.9 mg/kg - Consumer: 0.45 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 1.59 mg/m3 - Consumer: 0.39 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 0.23 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) - CAS: 1222-05-5
Worker Professional: 60 mg/kg - Consumer: 36 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 22 mg/m3 - Consumer: 6.5 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 3.8 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL - CAS: 1205-17-0
Worker Professional: 0.17 mg/kg - Consumer: 0.083 mg/kg - Exposure: Human Dermal
Worker Professional: 1.2 mg/m3 - Consumer: 0.29 mg/m3 - Exposure: Human Inhalation
Consumer: 0.17 mg/kg - Exposure: Human Oral

PNEC Exposure Limit Values

Dipropylen glycol methyl ether - CAS: 34590-94-8
Target: Fresh Water - Value: 19 mg/l
Target: Marine water - Value: 1.9 mg/l
Target: Marine water sediments - Value: 7.02 mg/kg
Target: Freshwater sediments - Value: 70.2 mg/kg
Target: 09 - Value: 4168 mg/l

Ethyl linalool - CAS: 10339-55-6
Target: Fresh Water - Value: 0.023 mg/l
Target: Marine water - Value: 0.002 mg/l
Target: Freshwater sediments - Value: 0.223 mg/kg
Target: Marine water sediments - Value: 0.022 mg/kg
Target: 09 - Value: 10 mg/l

BUTYLPHENYL METHYLPROPIONAL (=Denominazione INCI) - CAS: 80-54-6
Target: Fresh Water - Value: 0.00204 mg/l
Target: Marine water - Value: 0.0002 mg/l
Target: Freshwater sediments - Value: 0.269 mg/kg
Target: Marine water sediments - Value: 0.0269 mg/kg
Target: 09 - Value: 10 mg/l

3-(4-TERTBUTYLPHENYL) PROPANAL - CAS: 18127-01-0
Target: Fresh Water - Value: 0.00105 mg/l
Target: Marine water - Value: 0.000105 mg/l
Target: Freshwater sediments - Value: 0.104 mg/kg
Target: Marine water sediments - Value: 0.0104 mg/kg
Target: 09 - Value: 3.16 mg/l

Benzyl salicylate - CAS: 118-58-1
Target: Fresh Water - Value: 0.001 mg/l
Target: Marine water - Value: 0 mg/l
Target: Freshwater sediments - Value: 0.583 mg/kg
Target: Marine water sediments - Value: 0.058 mg/kg
Target: 09 - Value: 10 mg/l

CITRONELLOL - CAS: 106-22-9
Target: Fresh Water - Value: 0.002 mg/l
Target: Marine water - Value: 0 mg/l
Target: Freshwater sediments - Value: 0.026 mg/kg
Target: Marine water sediments - Value: 0.003 mg/kg
Target: 09 - Value: 580 mg/l

HYDROXYCITRONELLAL - CAS: 107-75-5
Target: Fresh Water - Value: 0.0316 mg/l
Target: Marine water - Value: 0.00316 mg/l
Target: Freshwater sediments - Value: 0.145 mg/kg
Target: Marine water sediments - Value: 0.015 mg/kg
Target: 09 - Value: 10 mg/l

CIS 3 HEXENYL SILICYLATE - CAS: 65405-77-8
Target: Fresh Water - Value: 0.00061 mg/l
Target: Marine water - Value: 0.000061 mg/l
Target: Freshwater sediments - Value: 0.11 mg/kg
Target: Marine water sediments - Value: 0.011 mg/kg
Target: 09 - Value: 10 mg/l

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) - CAS: 1222-05-5
Target: Fresh Water - Value: 0.0044 mg/l

Target: Marine water - Value: 0.00044 mg/l
Target: Freshwater sediments - Value: 2 mg/kg
Target: Marine water sediments - Value: 0.394 mg/kg
Target: 09 - Value: 1 mg/l
3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL - CAS: 1205-17-0
Target: Fresh Water - Value: 0.005 mg/l
Target: Marine water - Value: 0.001 mg/l
Target: Freshwater sediments - Value: 0.057 mg/kg
Target: Marine water sediments - Value: 0.006 mg/kg
Target: 09 - Value: 10 mg/l

8.2. Exposure controls

Eye protection:
Anti-splash goggles
Compliant with EN 166

Protection for skin:
protective clothing

Protection for hands:
Compliant with EN 374.

Respiratory protection:
In case of insufficient ventilation, use adequate respiratory protection equipment.

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:	transparent	--	--
Odour:	Characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	129°C	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	>60°C	--	--
Auto-ignition temperature:	235°C	--	--
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:	0,995	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information
No other relevant information

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions
10.2. Chemical stability
Stable at normal ambient temperatures and when used as recommended.
10.3. Possibility of hazardous reactions
None
10.4. Conditions to avoid
Stable under normal conditions.
10.5. Incompatible materials
Strong alkali.
Strong acids.
10.6. Hazardous decomposition products
Thermal decomposition may result in carbon monoxide, carbon dioxide and other unidentified organic compounds.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Toxicological information of the product:
AIRTECH CAR ORIENTAL FLOWER ML 7
a) acute toxicity
Not classified
Based on available data, the classification criteria are not met
Test: oecd 10 42955.33 mg/kg
Test: oecd 10 > 2000 mg/kg
Test: oecd 10 > 20 mg/l - Duration: 4h
b) skin corrosion/irritation
Not classified
Based on available data, the classification criteria are not met
c) serious eye damage/irritation
Not classified

Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation
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:

Dipropylen glycol methyl ether - CAS: 34590-94-8
a) acute toxicity:
Test: LD50 - Route: Oral > 2000 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 20 mg/l - Duration: 4h

Ethyl linalool - CAS: 10339-55-6
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Mouse 5283 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit 5500 mg/kg
Test: LC50 - Route: Inhalation > 20 mg/l - Duration: 4h

BUTYLPHENYL METHYLPROPIONAL (=Denominazione INCI) - CAS: 80-54-6
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Mouse > 500 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one.
a) acute toxicity:
Test: LD50 - Route: Oral > 2000 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg

3-(4-TERTBUTYLPHENYL) PROPANAL - CAS: 18127-01-0
a) acute toxicity:
Test: LD50 - Route: Oral > 2000 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 20 mg/l

Linalyl acetate - CAS: 115-95-7
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Benzyl salicylate - CAS: 118-58-1
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 220 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit 14150 mg/kg
Test: LC50 - Route: Inhalation > 5 mg/l

ALPHA-ISOMETHYL IONONE - CAS: 127-51-5
a) acute toxicity:
Test: LD50 - Route: Oral > 2000 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
CITRONELLOL - CAS: 106-22-9
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 3450 mg/kg
Test: LD50 - Route: Skin 2650 mg/kg
Test: LCLo - Route: Inhalation > 20 mg/kg
HYDROXYCITRONELLAL - CAS: 107-75-5
a) acute toxicity:
Test: LD50 - Route: Oral > 2000 mg/l
Test: LD50 - Route: Skin > 2000 mg/l
Test: LC50 - Route: Inhalation > 20 mg/l
[3R-(3a,3aß,7ß,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) acute toxicity:
Test: LD50 - Route: Oral > 2000 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 20 mg/l
CIS 3 HEXENYL SILICYLATE - CAS: 65405-77-8
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 3339 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 20 mg/l
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: Oral > 2000 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 20 mg/l
3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL - CAS: 1205-17-0
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 3550 mg/kg
Test: LD50 - Route: Skin > 2000 mg/kg
Test: LC50 - Route: Inhalation > 20 mg/l

11.2. Information on other hazards
Endocrine disrupting properties:
No endocrine disruptor substances present in concentration >= 0.1%

SECTION 12: Ecological information

12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
Dipropylen glycol methyl ether - CAS: 34590-94-8
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 10000 mg/l - Duration h: 96
Endpoint: LC50 - Species: Daphnia 1919 mg/l - Duration h: 48
BUTYLPHENYL METHYLPROPIONAL (=Denominazione INCI) - CAS: 80-54-6
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 10-100 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 10-100 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae 10-100 mg/l - Duration h: 72
Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8 teramethyl-2-naphtyl)ethan-1-one.

a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 0.1-1 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 0.1-1 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae 0.1-1 mg/l - Duration h: 72
3-(4-TERTBUTYLPHENYL) PROPANAL - CAS: 18127-01-0
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 10-100 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 10-100 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae 10-100 mg/l - Duration h: 72
Benzyl salicylate - CAS: 118-58-1
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 1.03 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 1.2 mg/l - Duration h: 48
Endpoint: CE5 - Species: Algae 1.3 mg/l - Duration h: 72
ALPHA-ISOMETHYL IONONE - CAS: 127-51-5
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 1-10 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 1-10 mg/l
Endpoint: EC50 - Species: Algae 1-10 mg/l
[3R-(3a,3aß,7ß,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 0.1-1 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 0.1-1 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae 0.1-1 mg/l - Duration h: 72
CIS 3 HEXENYL SILICYLATE - CAS: 65405-77-8
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 3.8 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 2.7 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae 0.61 mg/l - Duration h: 72
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 0.1-1 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 0.1-1 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae 0.1-1 mg/l - Duration h: 72
3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL - CAS: 1205-17-0
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia 8 mg/l - Duration h: 48
Endpoint: LC50 - Species: Fish 5.3 mg/l - Duration h: 96
Endpoint: EC50 - Species: Algae 28 mg/l - Duration h: 72

12.2. Persistence and degradability
None
Dipropylen glycol methyl ether - CAS: 34590-94-8
Biodegradability: Readily biodegradable - Duration: 28gg - %: 73
Benzyl salicylate - CAS: 118-58-1
Biodegradability: 4 - Duration: 28gg - %: 93
CIS 3 HEXENYL SILICYLATE - CAS: 65405-77-8
Biodegradability: 4 - Duration: 28gg - %: 89
3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL - CAS: 1205-17-0
Duration: 28gg - %: 65

12.3. Bioaccumulative potential
Dipropylen glycol methyl ether - CAS: 34590-94-8
Bioaccumulation: Not bioaccumulative - Test: log Pow -0.06
Test: BCF - Bioconcentrantion factor 1
Benzyl salicylate - CAS: 118-58-1

Bioaccumulation: Bioaccumulative - Test: BCF - Bioconcentrantion factor 311
Test: log Pow 4
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) - CAS: 1222-05-5
Bioaccumulation: Bioaccumulative - Test: BCF - Bioconcentrantion factor 1584
Test: log Pow 5.9
3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL - CAS: 1205-17-0
Test: log Pow 2.4

12.4. Mobility in soil
BUTYLPHENYL METHYLPROPIONAL (=Denominazione INCI) - CAS: 80-54-6
Test: Log Koc 1285
Benzyl salicylate - CAS: 118-58-1
Test: Log Koc 5600
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) - CAS: 1222-05-5
Test: Log Koc 870

12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties
No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects
None

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.

SECTION 14: Transport information

14.1. UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name
N.A.

14.3. Transport hazard class(es)
N.A.

14.4. Packing group
N.A.

14.5. Environmental hazards
ADR-Enviromental Pollutant: No
IMDG-Marine pollutant: No

14.6. Special precautions for user
N.A.

14.7. Maritime transport in bulk according to IMO instruments
No

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)
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)

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:

No restriction.

Volatile Organic compounds - VOCs = 41.21 %
Volatile Organic compounds - VOCs = 412.10 g/Kg
Volatile Organic compounds - VOCs = 410.04 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)

SVHC Substances:

Substances in candidate list (Art. 59 Reg. 1907/2006, REACH):

BUTYLPHENYL METHYLPROPIONAL (=Denominazione INCI)

SVHC

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

Seveso III category according to Annex 1, part 1

None

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:

H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child.
H412 Harmful to aquatic life with long lasting effects.
H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.

Hazard class and hazard category	Code	Description
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
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 RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
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 3: Composition/information on ingredients
SECTION 15: Regulatory information
SECTION 16: Other information

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	Classification procedure
Skin Sens. 1B, H317	Calculation method
Aquatic Chronic 3, H412	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.
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.