



Good Sense Vert O1b

Revision: 2019-02-03

Version: 07.0

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

1.1 Product identifier

Trade name: Good Sense Vert O1b

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

Identified uses:

AISE-C17 - Air fresheners aerosol

Uses advised against: Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Diversey Europe Operations BV, Maarssebroeksedijk 2, 3542DN Utrecht, The Netherlands

Contact details

Diversey Ltd

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: customerservice.uk@diversey.com

1.4 Emergency telephone number

For medical or environmental emergency only:

call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Aerosol 1 (H222)

Skin Sens. 1 (H317)

Aquatic Chronic 2 (H411)

2.2 Label elements



Signal word: Danger.

Contains citral (Citral), alpha-hexylcinnamaldehyde (Hexyl Cinnamal), 2-(4-tert-Butylbenzyl)propionaldehyde (Butylphenyl Methylpropional), resin acids and rosin acids, hydrogenated, me esters (Hydrogenated Methyl Rosinate), 1'-acetonaphthone (1-Acetonaphthone), 2,4-dimethylcyclohex-3-ene-1-carbaldehyde (2,4-Dimethyl-3-Cyclohexene Carboxaldehyde)

Hazard statements:

H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

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.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P280 - Wear protective gloves.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

P501 - Dispose of unused content as chemical waste.

2.3 Other hazards

Good Sense Vert O1b

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
dimethyl ether	204-065-8	115-10-6	01-2119472128-37	Flam. Gas 1 (H220) Press. Gas (Comp.) (H280)		30-50
ethanol	200-578-6	64-17-5	01-2119457610-43	Flam. Liq. 2 (H225)		10-20
2-tert-butylcyclohexyl acetate	201-828-7	88-41-5	01-2119970713-33	Aquatic Chronic 2 (H411)		3-10
diethyl phthalate	201-550-6	84-66-2	-	Not classified as hazardous		3-10
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	241-514-7	17511-60-3	01-2119969447-21	Aquatic Chronic 2 (H411)		3-10
alpha-hexylcinnamaldehyde	202-983-3	101-86-0	01-2119533092-50	Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Aquatic Chronic 2 (H411)		1-3
2-(4-tert-Butylbenzyl)propionaldehyde	201-289-8	80-54-6	01-2119485965-18	Acute Tox. 4 (H302) Repr. 2 (H361) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)		1-3
undecan-4-olide	203-225-4	104-67-6	-	Aquatic Chronic 2 (H411)		1-3
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	214-946-9	1222-05-5	01-2119488227-29	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		1-3
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl) ethan-1-one	216-133-4	1506-02-1	01-2119539433-40	Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		1-3
resin acids and rosin acids, hydrogenated, me esters	232-476-2	8050-15-5	01-2119969275-26	Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)		0.1-1
1'-acetonephthone	213-384-1	941-98-0	-	Acute Tox. 4 (H302) Skin Sens. 1B (H317) Aquatic Chronic 3 (H412)		0.1-1
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	268-264-1	68039-49-6	01-2119982384-28	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1B (H317) Aquatic Chronic 3 (H412)		0.1-1
allyl heptanoate	205-527-1	142-19-8	01-2119488961-23	Acute Tox. 3 (H331) Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		0.1-1
citral	226-394-6	5392-40-5	-	Skin Irrit. 2 (H315) Skin Sens. 1A (H317)		0.1-1
linalool	201-134-4	78-70-6	01-2119474016-42	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1B (H317)		0.1-1
d-limonene	227-813-5	5989-27-5	01-2119529223-47	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		0.1-1

Workplace exposure limit(s), if available, are listed in subsection 8.1.

[1] Exempted: ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included for classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required.

[2] Exempted: included in Annex IV of Regulation (EC) No 1907/2006.

[3] Exempted: Annex V of Regulation (EC) No 1907/2006.

[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures****General Information:**

Symptoms of intoxication may even occur after several hours. It is recommended to continue

Good Sense Vert O1b

Inhalation:	medical observation for at least 48 hours after the incident.
Skin contact:	Get medical attention or advice if you feel unwell.
Eye contact:	Take off immediately all contaminated clothing and wash it before re-use. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion:	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
Self-protection of first aider:	Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	No known effects or symptoms in normal use.
Skin contact:	May cause an allergic skin reaction. Direct contact can damage skin by freezing.
Eye contact:	Direct contact can damage the eye by freezing.
Ingestion:	No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

Cool endangered packaging with water spray jet.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear suitable gloves.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Absorb liquid components with liquid-binding material.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Measures to prevent fire and explosions:**

Keep away from heat. BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50° C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Follow general hygiene considerations recognised as common good workplace practices. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Handle and open container with care. Wash hands thoroughly after handling. Take off contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep out of reach of children. Keep away from heat and direct sunlight. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

Ingredient(s)	UK - Long term value(s)	UK - Short term value(s)
dimethyl ether	400 ppm 766 mg/m ³	500 ppm 958 mg/m ³
ethanol	1000 ppm 1920 mg/m ³	3000 ppm 5760 mg/m ³
diethyl phthalate	5 mg/m ³	10 mg/m ³

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

DNEL/DMEL and PNEC values**Human exposure**

DNEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
dimethyl ether	No data available	No data available	No data available	No data available
ethanol	-	No data available	-	87
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetoneaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
citral	No data available	No data available	No data available	No data available
linalool	No data available	No data available	No data available	No data available
d-limonene	-	-	-	4.76

DNEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
dimethyl ether	No data available	No data available	No data available	No data available
ethanol	-	-	-	343
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetoneaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
citral	No data available	No data available	No data available	No data available
linalool	No data available	No data available	No data available	No data available
d-limonene	0.222 mg/cm ² skin	-	No data available	-

DNEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
dimethyl ether	No data available	No data available	No data available	No data available
ethanol	-	-	-	206
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available

1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
citral	No data available	No data available	No data available	No data available
linalool	No data available	No data available	No data available	No data available
d-limonene	0.111 mg/cm ² skin	-	No data available	-

DNEL inhalatory exposure - Worker (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
dimethyl ether	No data available	No data available	No data available	No data available
ethanol	1900	-	-	950
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
citral	No data available	No data available	No data available	No data available
linalool	No data available	No data available	No data available	No data available
d-limonene	-	-	-	33.3

DNEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
dimethyl ether	No data available	No data available	No data available	No data available
ethanol	950	-	-	114
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
citral	No data available	No data available	No data available	No data available
linalool	No data available	No data available	No data available	No data available
d-limonene	-	-	-	8.33

Environmental exposure

Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
dimethyl ether	No data available	No data available	No data available	No data available
ethanol	0.96	0.79	2.75	No data available
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available

Good Sense Vert O1b

allyl heptanoate	No data available	No data available	No data available	No data available
citral	No data available	No data available	No data available	No data available
linalool	No data available	No data available	No data available	No data available
d-limonene	0.0054	0.00054	-	1.8

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m ³)
dimethyl ether	No data available	No data available	No data available	No data available
ethanol	3.6	2.9	0.63	-
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
citral	No data available	No data available	No data available	No data available
linalool	No data available	No data available	No data available	No data available
d-limonene	1.32	0.13	0.262	-

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Appropriate engineering controls: No special requirements under normal use conditions.
Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment

Eye / face protection: No special requirements under normal use conditions.
Hand protection: Chemical-resistant protective gloves (EN 374). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.
Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm
Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm
In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.
Body protection: No special requirements under normal use conditions.
Respiratory protection: Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or aerosols should be avoided.

Environmental exposure controls: No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Information in this section refers to the product, unless it is specifically stated that substance data is listed

	Method / remark
Physical State: Aerosol	
Colour: Colourless	
Odour: Perfumed	
Odour threshold: Not applicable	
pH: Not applicable.	
Melting point/freezing point (°C): Not determined	Not relevant to classification of this product
Initial boiling point and boiling range (°C): Not determined	Not applicable as product is an aerosol

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
dimethyl ether	No data available		

Good Sense Vert O1b

ethanol	78.4	Method not given	
2-tert-butylcyclohexyl acetate	No data available		
diethyl phthalate	No data available		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		
alpha-hexylcinnamaldehyde	No data available		
2-(4-tert-Butylbenzyl)propionaldehyde	No data available		
undecan-4-olide	No data available		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available		
resin acids and rosin acids, hydrogenated, me esters	No data available		
1'-acetonaphthone	No data available		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		
allyl heptanoate	No data available		
citral	No data available		
linalool	No data available		
d-limonene	175-178	Method not given	1013

Method / remark

Flammability (liquid): Not applicable. Not flammable.

Flash point (°C): Not applicable as product is an aerosol

Sustained combustion: Not applicable.

(UN Manual of Tests and Criteria, section 32, L.2)

Evaporation rate: Not determined

Not relevant to classification of this product

Flammability (solid, gas): Not applicable to liquids

Upper/lower flammability limit (%): Not determined

See substance data

Substance data, flammability or explosive limits, if available:

Ingredient(s)	Lower limit (% vol)	Upper limit (% vol)
d-limonene	0.7	6.1

Method / remark

Vapour pressure: Not determined

See substance data

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
dimethyl ether	No data available		
ethanol	5800	Method not given	
2-tert-butylcyclohexyl acetate	No data available		
diethyl phthalate	No data available		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		
alpha-hexylcinnamaldehyde	No data available		
2-(4-tert-Butylbenzyl)propionaldehyde	No data available		
undecan-4-olide	No data available		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available		
resin acids and rosin acids, hydrogenated, me esters	No data available		
1'-acetonaphthone	No data available		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		
allyl heptanoate	No data available		
citral	No data available		
linalool	No data available		
d-limonene	190-230	Method not given	20

Method / remark

Vapour density: Not determined

Relative density: ≈ 0.95 (20 °C)

Solubility in / Miscibility with Water: Fully miscible

Not relevant to classification of this product

OECD 109 (EU A.3)

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
dimethyl ether	No data available		
ethanol	No data available		
2-tert-butylcyclohexyl acetate	No data available		
diethyl phthalate	No data available		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		
alpha-hexylcinnamaldehyde	No data available		

Good Sense Vert O1b

2-(4-tert-Butylbenzyl)propionaldehyde	No data available		
undecan-4-olide	No data available		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available		
resin acids and rosin acids, hydrogenated, me esters	No data available		
1'-acetonaphthone	No data available		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		
allyl heptanoate	No data available		
citral	No data available		
linalool	No data available		
d-limonene	Insoluble	Method not given	20

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Method / remark

Autoignition temperature: Not determined

Decomposition temperature: Not applicable.

Viscosity: Not determined

Explosive properties: Not explosive. Vapours may form explosive mixtures with air.

Oxidising properties: Not oxidising.

9.2 Other information

Surface tension (N/m): Not determined

Not relevant to classification of this product

Corrosion to metals: Not corrosive

Substance data, dissociation constant, if available:

SECTION 10: Stability and reactivity**10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Mixture data:

Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

ATE - Inhalatory, vapours (mg/l): 540

Substance data, where relevant and available, are listed below:

Acute toxicity

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
dimethyl ether		No data available			
ethanol	LD ₅₀	5000	Rat	OECD 401 (EU B.1)	
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate	LD ₅₀	> 8000	Rat	Method not given	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			

Good Sense Vert O1b

alpha-hexylcinnamaldehyde		No data available		
2-(4-tert-Butylbenzyl)propionaldehyde	LD ₅₀	1390		Method not given
undecan-4-olide		No data available		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	LD ₅₀	1000		Method not given
resin acids and rosin acids, hydrogenated, me esters		No data available		
1'-acetonephthone		No data available		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available		
allyl heptanoate		No data available		
citral		No data available		
linalool		No data available		
d-limonene	LD ₅₀	4400 - 5100	Rat	Method not given

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
dimethyl ether		No data available			
ethanol	LD ₅₀	> 10000	Rabbit	OECD 402 (EU B.3)	
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate	LD ₅₀	> 10000	Rat	Method not given	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonephthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
citral		No data available			
linalool		No data available			
d-limonene	LD ₅₀	> 5000	Rabbit	Method not given	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
dimethyl ether		No data available			
ethanol	LC ₅₀	> 1800	Rat	Non guideline test	4
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate		No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			

Good Sense Vert O1b

		available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
citral		No data available			
linalool		No data available			
d-limonene		No data available			

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
dimethyl ether	No data available			
ethanol	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
citral	No data available			
linalool	No data available			
d-limonene	Irritant	Rabbit	Method not given	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
dimethyl ether	No data available			
ethanol	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
citral	No data available			
linalool	No data available			
d-limonene	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
dimethyl ether	No data available			
ethanol	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			

Good Sense Vert O1b

1'-acetonaphthone	No data available		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		
allyl heptanoate	No data available		
citral	No data available		
linalool	No data available		
d-limonene	No data available		

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
dimethyl ether	No data available			
ethanol	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
citral	No data available			
linalool	No data available			
d-limonene	Sensitising	Guinea pig	Method not given	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
dimethyl ether	No data available			
ethanol	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
citral	No data available			
linalool	No data available			
d-limonene	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
dimethyl ether	No data available		No data available	
ethanol	No data available		No data available	
2-tert-butylcyclohexyl acetate	No data available		No data available	
diethyl phthalate	No data available		No data available	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		No data available	
alpha-hexylcinnamaldehyde	No data available		No data available	
2-(4-tert-Butylbenzyl)propionaldehyde	No data available		No data available	
undecan-4-olide	No data available		No data available	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available		No data available	
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available		No data available	
resin acids and rosin acids, hydrogenated, me esters	No data available		No data available	
1'-acetonaphthone	No data available		No data available	

Good Sense Vert O1b

2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		No data available	
allyl heptanoate	No data available		No data available	
citral	No data available		No data available	
linalool	No data available		No data available	
d-limonene	No data available		No data available	

Carcinogenicity

Ingredient(s)	Effect
dimethyl ether	No data available
ethanol	No data available
2-tert-butylcyclohexyl acetate	No data available
diethyl phthalate	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available
alpha-hexylcinnamaldehyde	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available
undecan-4-olide	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available
1'-acetonaphthone	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available
allyl heptanoate	No data available
citral	No data available
linalool	No data available
d-limonene	No data available

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
dimethyl ether			No data available				
ethanol			No data available				
2-tert-butylcyclohexyl acetate			No data available				
diethyl phthalate			No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate			No data available				
alpha-hexylcinnamaldehyde			No data available				
2-(4-tert-Butylbenzyl)propionaldehyde			No data available				
undecan-4-olide			No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran			No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one			No data available				
resin acids and rosin acids, hydrogenated, me esters			No data available				
1'-acetonaphthone			No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde			No data available				
allyl heptanoate			No data available				
citral			No data available				
linalool			No data available				
d-limonene			No data available				

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
dimethyl ether		No data available				
ethanol		No data available				
2-tert-butylcyclohexyl acetate		No data				

Good Sense Vert O1b

		available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
citral		No data available				
linalool		No data available				
d-limonene		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
dimethyl ether		No data available				
ethanol		No data available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
citral		No data available				
linalool		No data available				
d-limonene		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
dimethyl ether		No data available				
ethanol		No data available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
alpha-hexylcinnamaldehyde		No data available				

Good Sense Vert O1b

		available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
citral		No data available				
linalool		No data available				
d-limonene		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
dimethyl ether			No data available					
ethanol			No data available					
2-tert-butylcyclohexyl acetate			No data available					
diethyl phthalate			No data available					
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate			No data available					
alpha-hexylcinnamaldehyde			No data available					
2-(4-tert-Butylbenzyl)propionaldehyde			No data available					
undecan-4-olide			No data available					
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran			No data available					
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one			No data available					
resin acids and rosin acids, hydrogenated, me esters			No data available					
1'-acetonaphthone			No data available					
2,4-dimethylcyclohex-3-ene-1-carbaldehyde			No data available					
allyl heptanoate			No data available					
citral			No data available					
linalool			No data available					
d-limonene			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
dimethyl ether	No data available
ethanol	No data available
2-tert-butylcyclohexyl acetate	No data available
diethyl phthalate	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available
alpha-hexylcinnamaldehyde	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available
undecan-4-olide	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available
1'-acetonaphthone	No data available

Good Sense Vert O1b

2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available
allyl heptanoate	No data available
citral	No data available
linalool	No data available
d-limonene	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
dimethyl ether	No data available
ethanol	No data available
2-tert-butylcyclohexyl acetate	No data available
diethyl phthalate	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available
alpha-hexylcinnamaldehyde	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available
undecan-4-olide	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available
1'-acetonaphthone	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available
allyl heptanoate	No data available
citral	No data available
linalool	No data available
d-limonene	No data available

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information**12.1 Toxicity**

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
dimethyl ether		No data available			
ethanol	LC ₅₀	8150	<i>Alburnus alburnus</i>	Method not given	96
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate	LC ₅₀	17	<i>Pimephales promelas</i>	Method not given	96
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
citral		No data available			

Good Sense Vert O1b

linalool		No data available			
d-limonene	LC ₅₀	0.72	<i>Pimephales promelas</i>	OECD 203 (EU C.1)	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
dimethyl ether		No data available			
ethanol	EC ₅₀	9268 - 14221	<i>Daphnia magna Straus</i>	Method not given	48
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate	EC ₅₀	> 40	<i>Daphnia magna Straus</i>	Method not given	24
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
citral		No data available			
linalool		No data available			
d-limonene	EC ₅₀	0.36	<i>Daphnia magna Straus</i>	OECD 202 (EU C.2)	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
dimethyl ether		No data available			
ethanol	EC ₀	5000	<i>Scenedesmus quadricauda</i>	Method not given	168
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate		No data available			-
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
citral		No data available			
linalool		No data available			
d-limonene	E _r C ₅₀	150	<i>Desmodesmus subspicatus</i>	OECD 201 (EU C.3)	72

Aquatic short-term toxicity - marine species

Good Sense Vert O1b

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
dimethyl ether		No data available			
ethanol		No data available			-
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate		No data available			-
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
citral		No data available			
linalool		No data available			
d-limonene		No data available			-

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
dimethyl ether		No data available			
ethanol	EC ₀	6500	<i>Pseudomonas putida</i>	Method not given	16 hour(s)
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate		No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
citral		No data available			
linalool		No data available			
d-limonene		No data available			

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
dimethyl ether		No data available				
ethanol		No data				

Good Sense Vert O1b

		available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
citral		No data available				
linalool		No data available				
d-limonene		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
dimethyl ether		No data available				
ethanol		No data available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
citral		No data available				
linalool		No data available				
d-limonene		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
dimethyl ether		No data available				
ethanol		No data available			-	
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available			-	

Good Sense Vert O1b

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetoneaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
citral		No data available				
linalool		No data available				
d-limonene		No data available				-

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
diethyl phthalate		No data available			-	
d-limonene		No data available			-	

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
diethyl phthalate		No data available			-	
d-limonene		No data available			-	

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
diethyl phthalate		No data available			-	
d-limonene		No data available			-	

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
diethyl phthalate		No data available			-	
d-limonene		No data available			-	

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
diethyl phthalate		No data available			-	
d-limonene		No data available			-	

Good Sense Vert O1b

12.2 Persistence and degradability**Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT ₅₀	Method	Evaluation
dimethyl ether				OECD 301D	Not readily biodegradable.
ethanol				OECD 301B	Readily biodegradable
2-tert-butylcyclohexyl acetate				Method not given	Not readily biodegradable.
diethyl phthalate				OECD 301B	Readily biodegradable
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate					Poorly biodegradable
alpha-hexylcinnamaldehyde					Not readily biodegradable.
2-(4-tert-Butylbenzyl)propionaldehyde				OECD 301B	Readily biodegradable
undecan-4-olide				OECD 301F	Readily biodegradable
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran				OECD 301B	Not readily biodegradable.
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one					Not readily biodegradable.
resin acids and rosin acids, hydrogenated, me esters					No data available
1'-acetonaphthone					No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde					Not readily biodegradable.
allyl heptanoate	Activated sludge, aerobe		40%	OECD 301D	Not readily biodegradable.
citral				OECD 301F	Readily biodegradable
linalool				OECD 301D	Readily biodegradable
d-limonene			80 % in 28 day(s)	OECD 301D	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
dimethyl ether	No data available			
ethanol	-0.35	Weight of evidence		
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
citral	No data available			
linalool	No data available			
d-limonene	No data available		High potential for bioaccumulation	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
dimethyl ether	No data available				
ethanol	No data available				
2-tert-butylcyclohexyl acetate	No data available				
diethyl phthalate	No data available				
3a,4,5,6,7,7a-hexahydr	No data available				

Good Sense Vert O1b

o-4,7-methano-1H-inden-6-yl propionate					
alpha-hexylcinnamaldehyde	No data available				
2-(4-tert-Butylbenzyl)propionaldehyde	No data available				
undecan-4-olide	No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available				
resin acids and rosin acids, hydrogenated, me esters	No data available				
1'-acetoneaphthone	No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available				
allyl heptanoate	No data available				
citral	No data available				
linalool	No data available				
d-limonene	683.1		Method not given	High potential for bioaccumulation	

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
dimethyl ether	No data available				
ethanol	No data available				
2-tert-butylcyclohexyl acetate	No data available				
diethyl phthalate	No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available				
alpha-hexylcinnamaldehyde	No data available				
2-(4-tert-Butylbenzyl)propionaldehyde	No data available				
undecan-4-olide	No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available				
resin acids and rosin acids, hydrogenated, me esters	No data available				
1'-acetoneaphthone	No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available				
allyl heptanoate	No data available				
citral	No data available				
linalool	No data available				
d-limonene	No data available				High potential for mobility in soil

12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

European Waste Catalogue:

16 05 04* - gases in pressure containers (including halons) containing dangerous substances.

Empty packaging**Recommendation:**

Dispose of observing national or local regulations.

SECTION 14: Transport information



Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number: 1950

14.2 UN proper shipping name:

Aerosols

14.3 Transport hazard class(es):

Transport hazard class (and subsidiary risks): 2.1

14.4 Packing group: -

14.5 Environmental hazards:

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6 Special precautions for user: None known.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: The product is not transported in bulk tankers.

Other relevant information:

ADR

Classification code: 5F

Tunnel restriction code: D

Hazard identification number: -

IMO/IMDG

EmS: F-D, S-U

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code. Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

SECTION 15: Regulatory information

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

EU regulations:

- Regulation (EC) No. 1907/2006 - REACH
- Regulation (EC) No 1272/2008 - CLP
- Directive 75/324/EEC on aerosol dispensers

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

UFI: MKC4-Y0EV-700A-5EKN

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MSDS3275

Version: 07.0

Revision: 2019-02-03

Reason for revision:

This data sheet contains changes from the previous version in section(s):, 2, 16

Classification procedure

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

Full text of the H and EUH phrases mentioned in section 3:

- H220 - Extremely flammable gas.
- H225 - Highly flammable liquid and vapour.
- H226 - Flammable liquid and vapour.
- H280 - Contains gas under pressure; may explode if heated.
- H302 - Harmful if swallowed.
- H303 - May be harmful if swallowed.
- H304 - May be fatal if swallowed and enters airways.
- H312 - Harmful in contact with skin.
- H315 - Causes skin irritation.
- H316 - Causes mild skin irritation.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H331 - Toxic if inhaled.

Good Sense Vert O1b

- H361 - Suspected of damaging fertility or the unborn child.
- H400 - Very toxic to aquatic life.
- H402 - Harmful to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.
- H411 - Toxic to aquatic life with long lasting effects.
- H412 - Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- ATE - Acute Toxicity Estimate
- LD50 - Lethal Dose, 50% / Median Lethal dose
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- EC50 - effective concentration, 50%
- NOEL - No observed effect level
- NOAEL - No observed adverse effect level
- OECD - Organization for Economic Cooperation and Development

End of Safety Data Sheet