

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 5/18/2022

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

1.1. Product identifier

Product form	: Mixture
Product name	: Teakwood and Citrus AT 25% in DPG
Type of product	: Perfumes, fragrances
Product group	: Trade product

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

1.2.1. Relevant identified uses

Industrial/Professional use spec

Use of the substance/mixture Function or use category

- For professional use only : Perfumes, fragrances
- : Odour agents

: Industrial

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

No additional information available

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP] Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)



: Warning

Eugenol

Signal word (CLP) Contains

Hazard statements (CLP)

Precautionary statements (CLP)

H411 - Toxic to aquatic life with long lasting effects.

: Iso E Super, Hexyl cinnamic aldehyde, Linalyl acetate, Linalool, d-Limonene, COUMARIN,

: P272 - Contaminated work clothing should not be allowed out of the workplace.

: H317 - May cause an allergic skin reaction.

P273 - Avoid release to the environment.

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P302+P352 - IF ON SKIN: Wash with plenty of water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Iso E Super	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04	1.3125 – 2.625	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092- 50	1.20625 – 2.4125	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Ethylene brassylate	CAS-No.: 105-95-3 EC-No.: 203-347-8 REACH-no: 01-2119976314- 33	0.6 – 1.2	Aquatic Chronic 2, H411
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789- 19	0.25 – 0.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	0.14375 – 0.2875	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Cedarwood oil, Virginia	CAS-No.: 8000-27-9 EC-No.: 285-370-3;616-769-6	0.125 – 0.25	Asp. Tox. 1, H304 Aquatic Chronic 1, H410
Butylated hydroxytoluene (BHT) crystals	CAS-No.: 128-37-0 EC-No.: 204-881-4 REACH-no: 01-2119480433- 40	0.10625 – 0.2125	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
d-Limonene	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-029-00- 7;601-096-00-2 REACH-no: 01-2119493353- 35	0.05625 – 0.1125	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
COUMARIN	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756- 26	0.05 – 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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Name	Product identifier		Classification according to Regulation (EC) No. 1272/2008 [CLP]
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802- 33	0.05 – 0.1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317

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

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).	
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.	
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.	
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.	
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.	
4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.	
4.3. Indication of any immediate med	ical attention and special treatment needed	
No additional information available		

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.	
5.2. Special hazards arising from the substance or mixture		
No additional information available		
5.3. Advice for firefighters		
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.	
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.	

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment	: Equip cleanup crew with proper protection.	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.	
Incompatible products	: Strong bases. Strong acids.	
Incompatible materials	: Sources of ignition. Direct sunlight.	

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection		
8.1. Control parameters		
8.1.1 National occupational exposure and biological	limit values	
Butylated hydroxytoluene (BHT) crystals (128	-37-0)	
Austria - Occupational Exposure Limits		
MAK (OEL TWA)	10 mg/m³	
Belgium - Occupational Exposure Limits		
OEL TWA	2 mg/m ³ (aerosol and vapor)	
Bulgaria - Occupational Exposure Limits		
OEL TWA	10 mg/m ³	
OEL STEL	50 mg/m³	
Croatia - Occupational Exposure Limits		
GVI (OEL TWA) [1]	10 mg/m ³	
Denmark - Occupational Exposure Limits		
OEL TWA [1]	10 mg/m³	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	10 mg/m ³	
HTP (OEL STEL)	20 mg/m ³	
France - Occupational Exposure Limits		
VME (OEL TWA)	10 mg/m ³	

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WEL TWA (OEL TWA) [1] 10 mg/m ³ WEL STEL (OEL STEL) 30 mg/m ³ (calculated) Switzerland - Occupational Exposure Limits 10 mg/m ³ (no elevated carcinogenic risk by keeping the MAK-value-aerosol, inhalable dust, vapour) KZGW (OEL STEL) 40 mg/m ³ (aerosol, inhalable dust, vapour) CZEGW (OEL STEL) 40 mg/m ³ (aerosol, inhalable dust, vapour) CZE chemical category Category C1B carcinogen carcinogenic with threshold value JSA - ACGIH - Occupational Exposure Limits 2 mg/m ³ (inhalable fraction and vapor) ACGIH OEL TWA 2 mg/m ³ (inhalable fraction and vapor) ACGIH coccupational Exposure Limits Not Classifiable as a Human Carcinogen H-Limonene (5989-27-5) Finland - Occupational Exposure Limits Finland - Occupational Exposure Limits 140 mg/m ³ HTP (OEL TWA) [1] 140 mg/m ³ HTP (OEL TWA) [2] 25 ppm HTP (OEL STEL) 280 mg/m ³ HTP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 90) MGW (OEL TWA) [1] AGW (OEL TWA) [2] 28 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are obs	VLA-ED (OEL TWA) [1]	10 mg/m³	
WEL STEL (OEL STEL) 30 mg/m³ (calculated) Switzerland - Occupational Exposure Limits WAK (OEL TWA) [1] 10 mg/m³ (no elevated carcinogenic risk by keeping the MAK-value-aerosol, inhalable dust, vapour) K2GW (OEL STEL) 40 mg/m³ (aerosol, inhalable dust, vapour) DEL chemical category Category C1B carcinogen carcinogenic with threshold value JSA - ACGIH - Occupational Exposure Limits 2 mg/m³ (inhalable fraction and vapor) ACGIH OEL TWA 2 mg/m³ (inhalable fraction and vapor) ACGIH chemical category Not Classifiable as a Human Carcinogen 41-Limonene (5989-27-5) 5 Finland - Occupational Exposure Limits 140 mg/m³ HTP (OEL TWA) [1] 140 mg/m³ HTP (OEL TWA) [2] 25 ppm HTP (OEL TWA) [2] 26 ppm GW (OEL TWA) [2] 50 ppm Germany - Occupational Exposure Limits (TRGS 90) AGW (OEL TWA) [1] 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	United Kingdom - Occupational Exposure Limits		
Switzerland - Occupational Exposure Limits WAK (OEL TWA) [1] 10 mg/m³ (no elevated carcinogenic risk by keeping the MAK-value-aerosol, inhalable dust, vapour) KZGW (OEL STEL) 40 mg/m³ (aerosol, inhalable dust, vapour) DEL chemical category Category C1B carcinogen carcinogenic with threshold value JSA - ACGIH - Occupational Exposure Limits 2 mg/m³ (inhalable fraction and vapor) ACGIH OEL TWA 2 mg/m³ (inhalable as a Human Carcinogen ACGIH chemical category Not Classifiable as a Human Carcinogen 4-Limonene (5989-27-5) Finland - Occupational Exposure Limits Finland - Occupational Exposure Limits 140 mg/m³ 4TP (OEL TWA) [2] 25 ppm 4TP (OEL TWA) [2] 280 mg/m³ 4TP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 900) AGW (OEL TWA) [1] AGW (OEL TWA) [2] 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	WEL TWA (OEL TWA) [1]	10 mg/m³	
WAK (OEL TWA) [1]10 mg/m³ (no elevated carcinogenic risk by keeping the MAK-value-aerosol, inhalable dust, vapour)K2GW (OEL STEL)40 mg/m³ (aerosol, inhalable dust, vapour)DEL chemical categoryCategory C1B carcinogen carcinogenic with threshold valueJSA - ACGIH - Occupational Exposure Limits2 mg/m³ (inhalable fraction and vapor)ACGIH OEL TWA2 mg/m³ (inhalable fraction and vapor)ACGIH chemical categoryNot Classifiable as a Human CarcinogenACGIH Chemical categoryNot Classifiable as a Human CarcinogenHTIP (OEL TWA) [1]140 mg/m³HTP (OEL TWA) [2]25 ppmTTP (OEL TWA) [2]25 ppmATP (OEL STEL) [ppm]50 ppmGermany - Occupational Exposure Limits (TRGS 9000000000000000000000000000000000000	WEL STEL (OEL STEL)	30 mg/m ³ (calculated)	
dust, vapour)dust, vapour)dust, vapour)dust, vapour)QEL chemical categoryDEL chemical categoryCategory C1B carcinogen carcinogenic with threshold valueJSA - ACGIH - Occupational Exposure LimitsACGIH OEL TWA2 mg/m³ (inhalable fraction and vapor)ACGIH chemical categoryNot Classifiable as a Human Carcinogendetermination of the provided state	Switzerland - Occupational Exposure Limits		
DEL chemical category Category C1B carcinogen carcinogenic with threshold value JSA - ACGIH - Occupational Exposure Limits 2 mg/m³ (inhalable fraction and vapor) ACGIH OEL TWA 2 mg/m³ (inhalable fraction and vapor) ACGIH chemical category Not Classifiable as a Human Carcinogen 4-Limonene (5989-27-5) Finland - Occupational Exposure Limits HTP (OEL TWA) [1] 140 mg/m³ HTP (OEL TWA) [2] 25 ppm HTP (OEL STEL) 280 mg/m³ HTP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 900) AGW (OEL TWA) [1] AGW (OEL TWA) [2] 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	MAK (OEL TWA) [1]		
JSA - ACGIH - Occupational Exposure Limits ACGIH OEL TWA 2 mg/m³ (inhalable fraction and vapor) ACGIH chemical category Not Classifiable as a Human Carcinogen d-Limonene (5989-27-5) Finland - Occupational Exposure Limits HTP (OEL TWA) [1] 140 mg/m³ HTP (OEL TWA) [2] 25 ppm HTP (OEL STEL) 280 mg/m³ HTP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 900) AGW (OEL TWA) [1] AGW (OEL TWA) [1] 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	KZGW (OEL STEL)	40 mg/m ³ (aerosol, inhalable dust, vapour)	
ACGIH OEL TWA 2 mg/m³ (inhalable fraction and vapor) ACGIH chemical category Not Classifiable as a Human Carcinogen d-Limonene (5989-27-5)	OEL chemical category	Category C1B carcinogen carcinogenic with threshold value	
ACGIH chemical category Not Classifiable as a Human Carcinogen d-Limonene (5989-27-5) Finland - Occupational Exposure Limits HTP (OEL TWA) [1] 140 mg/m³ HTP (OEL TWA) [2] 25 ppm HTP (OEL STEL) 280 mg/m³ HTP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 9000000000000000000000000000000000000	USA - ACGIH - Occupational Exposure Limits		
d-Limonene (5989-27-5) Finland - Occupational Exposure Limits HTP (OEL TWA) [1] 140 mg/m³ HTP (OEL TWA) [2] 25 ppm HTP (OEL STEL) 280 mg/m³ HTP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 900) 30 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	ACGIH OEL TWA	2 mg/m ³ (inhalable fraction and vapor)	
Finland - Occupational Exposure Limits HTP (OEL TWA) [1] 140 mg/m³ HTP (OEL TWA) [2] 25 ppm HTP (OEL STEL) 280 mg/m³ HTP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 900) 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	ACGIH chemical category	Not Classifiable as a Human Carcinogen	
HTP (OEL TWA) [1]140 mg/m³HTP (OEL TWA) [2]25 ppmHTP (OEL STEL)280 mg/m³HTP (OEL STEL) [ppm]50 ppmGermany - Occupational Exposure Limits (TRGS 900)AGW (OEL TWA) [1]28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)AGW (OEL TWA) [2]5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	d-Limonene (5989-27-5)		
HTP (OEL TWA) [2] 25 ppm HTP (OEL STEL) 280 mg/m ³ HTP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 900) 38 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [1] 28 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	Finland - Occupational Exposure Limits		
HTP (OEL STEL) 280 mg/m³ HTP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 900) 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [1] 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	HTP (OEL TWA) [1]	140 mg/m³	
HTP (OEL STEL) [ppm] 50 ppm Germany - Occupational Exposure Limits (TRGS 900) AGW (OEL TWA) [1] 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	HTP (OEL TWA) [2]	25 ppm	
Germany - Occupational Exposure Limits (TRGS 900) AGW (OEL TWA) [1] 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	HTP (OEL STEL)	280 mg/m ³	
AGW (OEL TWA) [1] 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	HTP (OEL STEL) [ppm]	50 ppm	
AGW (OEL TWA) [2] 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	Germany - Occupational Exposure Limits (TRGS 900)		
values are observed)	AGW (OEL TWA) [1]		
Chemical category Skin notation, Skin sensitization	AGW (OEL TWA) [2]		
	Chemical category	Skin notation, Skin sensitization	

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d-Limonene (5989-27-5)			
Slovenia - Occupational Exposure Limits			
DEL TWA 28 mg/m ³			
OEL TWA [ppm]	5 ppm		
OEL STEL	112 mg/m ³		
OEL STEL [ppm]	20 ppm		
DEL chemical category Potential for cutaneous absorption			
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA) [1]	168 mg/m³		
/LA-ED (OEL TWA) [2] 30 ppm			
OEL chemical category	OEL chemical category Sensitizer, skin - potential for cutaneous absorption		
Norway - Occupational Exposure Limits			
Grenseverdi (OEL TWA) [1]	140 mg/m³		
Grenseverdi (OEL TWA) [2]	25 ppm		
Korttidsverdi (OEL STEL)	175 mg/m ³ (value calculated)		
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)		
OEL chemical category Allergenic substance			
Switzerland - Occupational Exposure Limits			
MAK (OEL TWA) [1]	40 mg/m ³		
MAK (OEL TWA) [2]	7 ppm		
KZGW (OEL STEL)	80 mg/m³		
KZGW (OEL STEL) [ppm]	14 ppm		
OEL chemical category	Sensitizer		

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



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8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection: Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection: Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Standard.
Odour	: characteristic.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 93 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

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10.3. Possibility of hazardous reactions
Not established.
10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials
Strong acids. Strong bases.
10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information		
11.1 Information on toxicological effects		
Acute toxicity (dermal) :	Not classified Not classified Not classified	
Hexyl cinnamic aldehyde (101-86-0)		
LD50 oral rat	3100 mg/kg	
LD50 oral	3100 mg/kg bodyweight	
LD50 dermal rabbit	> 3000 mg/kg	
LC50 Inhalation - Rat	> 5 mg/l/4h	
Ethylene brassylate (105-95-3)		
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
Linalyl acetate (115-95-7)		
LD50 oral rat	14550 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
Linalool (78-70-6)		
LD50 oral	2790 mg/kg bodyweight	
Cedarwood oil, Virginia (8000-27-9)		
LD50 oral rat	> 5 g/kg	
Butylated hydroxytoluene (BHT) crystals (128-37-0)		
LD50 oral rat	> 2930 mg/kg	
LD50 dermal rat	> 2000 mg/kg	
d-Limonene (5989-27-5)		
LD50 oral rat	4400 mg/kg	
LD50 dermal rabbit	> 5 g/kg	
COUMARIN (91-64-5)		
LD50 oral rat	> 5000 mg/kg	
LD50 oral	500 mg/kg bodyweight	

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COUMARIN (91-64-5)	
LD50 dermal rat	293 mg/kg
Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg
LD50 oral	2500 mg/kg bodyweight
Skin corrosion/irritation Additional information Serious eye damage/irritation Additional information Respiratory or skin sensitisation Additional information Germ cell mutagenicity Additional information Carcinogenicity Additional information	 Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met May cause an allergic skin reaction. Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met
Butylated hydroxytoluene (BHT) crystals	
IARC group	3 - Not classifiable
d-Limonene (5989-27-5)	
IARC group	3 - Not classifiable
COUMARIN (91-64-5)	
IARC group	3 - Not classifiable
Eugenol (97-53-0)	
IARC group	3 - Not classifiable
Reproductive toxicity Additional information STOT-single exposure Additional information STOT-repeated exposure Additional information Aspiration hazard Additional information Potential adverse human health effects and symptoms	 Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Based on available data, the classification criteria are not met Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short–term : Not classified (acute) Hazardous to the aquatic environment, long–term : Toxic to aquatic life with long lasting effects. (chronic)		
Linalyl acetate (115-95-7)		
LC50 - Fish [1] 11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])		
Linalool (78-70-6)		
EC50 96h - Algae [1] 88.3 mg/l (Species: Desmodesmus subspicatus)		
Butylated hydroxytoluene (BHT) crystals (128-37-0)		
EC50 72h - Algae [1]	6 mg/l (Species: Pseudokirchneriella subcapitata)	

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Butylated hydroxytoluene (BHT) crystals (128	3-37-0)	
EC50 72h - Algae [2]	> 0.42 mg/l (Species: Desmodesmus subspicatus)	
d-Limonene (5989-27-5)		
LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
Eugenol (97-53-0)		
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])	
12.2. Persistence and degradability		
Teakwood and Citrus AT 25% in DPG		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
Teakwood and Citrus AT 25% in DPG		
Bioaccumulative potential	Not established.	
Butylated hydroxytoluene (BHT) crystals (128	3-37-0)	
BCF - Fish [1]	230 – 2500	
Partition coefficient n-octanol/water (Log Pow)	4.17	
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		
No additional information available		
12.6. Other adverse effects		
Additional information :	Avoid release to the environment.	
SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Product/Packaging disposal recommendations : Ecology - waste materials :	Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.	
SECTION 14: Transport information		

In accordance with ADR / IMDG / IATA / ADN / RID

14.1 UN number	
UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN)	: UN 3082 : UN 3082 : UN 3082 : UN 3082
UN-No. (RID) 14.2. UN proper shipping name	: UN 3082
Proper Shipping Name (ADR) Proper Shipping Name (IMDG)	 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

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Proper Shipping Name (IATA)	: Environmentally hazardous substance, liquid, n.o.s.
Proper Shipping Name (ADN)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description (ADR)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, (-)
Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (ISO E SUPER), 9, III
Transport document description (ADN)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III
Transport document description (RID)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) Danger labels (ADR)



IMDG

Transport hazard class(es) (IMDG) Danger labels (IMDG)



ΙΑΤΑ

ADN

Transport hazard class(es) (IATA) Danger labels (IATA)

Transport hazard class(es) (ADN)

Danger labels (ADN)





RID

Transport hazard class(es) (RID) Danger labels (RID)



14.4. Packing group

Packing group (ADR) Packing group (IMDG) : 111

: 111

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according to Regulation (EC) No. 1907/2006 (REACH) with it	s amendment Regulation (EU) 2015/830
Packing group (IATA)	: 10
	: 10
Packing group (RID)	: 10
	·
14.5. Environmental hazards	
Dangerous for the environment	: Yes
Marine pollutant	: Yes
Other information	: No supplementary information available
14.6. Special precautions for user	
Overland transport	
Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 51
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
1 51 ()	: MP19
	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
	: V12
	: CV13
and handling (ADR)	
Hazard identification number (Kemler No.)	: 90
Orange plates	
	· 90
	2002
	3082
Tunnel restriction code (ADR)	: -
, , , , , , , , , , , , , , , , , , ,	: •3Z
Transport by sea	
Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5L
	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A
Air transport	
•	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
	: A97, A158, A197, A215
	: 9L
Inland waterway transport	
	: M6
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Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Carriage permitted (ADN)	:	274, 335, 375, 601 5 L E1 T
Equipment required (ADN)	-	PP
Number of blue cones/lights (ADN)	:	0
Rail transport		
Classification code (RID)	:	M6
Special provisions (RID)	:	274, 335, 375, 601
Limited quantities (RID)	:	5L
Excepted quantities (RID)	:	E1
Packing instructions (RID)	:	P001, IBC03, LP01, R001
Special packing provisions (RID)		PP1
Mixed packing provisions (RID)	:	MP19
Portable tank and bulk container instructions (RID)		T4
Portable tank and bulk container special provisions	:	TP1, TP29
(RID) Tank codes for RID tanks (RID)	:	LGBV
Transport category (RID)	:	3
Special provisions for carriage – Packages (RID)	:	W12
Special provisions for carriage - Loading, unloading		CW13, CW31
and handling (RID) Colis express (express parcels) (RID)		CE8
Hazard identification number (RID)	:	90
	•	30

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	
3(a)	d-Limonene	
3(b)	Teakwood and Citrus AT 25% in DPG ; Iso E Super ; Hexyl cinnamic aldehyde ; Linalyl acetate ; Linalool ; Cedarwood oil, Virginia ; d-Limonene ; Eugenol	
3(c)	Teakwood and Citrus AT 25% in DPG ; Iso E Super ; Hexyl cinnamic aldehyde ; Ethylene brassylate ; Cedarwood oil, Virginia ; d-Limonene	
40.	d-Limonene	

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

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15.1.2. National regulations

Germany

Germany	
Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)
Water hazard class (WGK)	: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
List of sensitizing substances (TRGS 907)	: Contains sensitizing substances according TRGS 907
Netherlands	
SZW-lijst van kankerverwekkende stoffen	: Cedarwood oil, Virginia is listed
SZW-lijst van mutagene stoffen	: Cedarwood oil, Virginia is listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed
Denmark	
Classification remarks	: Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product
Switzerland	
Storage class (LK)	: LK 10/12 - Liquids

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.

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Full text of H- and EUH-statements:	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.