

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 2/17/2022

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

1.1. Product identifier

Product form	: Mixture
Product name	: Type 33 - Bohe CC-16178 at 10% in DPG
Product code	: CC-16178-10%
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

Candle Craft
Weiherwiese 10
65510 Idstein - Germany
T 49-6126-9363 -0
info@candlecraft.de - www.candlecraft.de

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] Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412
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] Signal word (CLP)	

Signal word (CLP)	: -
Hazard statements (CLP)	: H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P273 - Avoid release to the environment.
EUH-statements	 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. EUH208 - Contains Cinnamic alcohol, Iso E Super, Rosemary Oil. May produce an allergic reaction.
0.0. Others have add	

2.3. Other hazards

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

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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]
Hexamethylindanopyran	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227- 29	0.2625 – 0.525	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Iso E Super	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04	0.2125 – 0.425	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Cinnamic alcohol	CAS-No.: 104-54-1 EC-No.: 203-212-3 REACH-no: 01-2119934496- 29	0.1 – 0.2	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317
Bacdanol	CAS-No.: 28219-61-6 EC-No.: 248-908-8 REACH-no: 01-2119529224- 45	0.0925 – 0.185	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 1, H410
Rosemary Oil	CAS-No.: 8000-25-7 EC-No.: 283-291-9	0.075 – 0.15	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 2, H371 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Cedarwood oil, Virginia	CAS-No.: 8000-27-9 EC-No.: 285-370-3;616-769-6	0.075 – 0.15	Asp. Tox. 1, H304 Aquatic Chronic 1, H410
Diphenyl oxide substance with a Community workplace exposure limit	CAS-No.: 101-84-8 EC-No.: 202-981-2 REACH-no: 01-2119472545- 33	0 – 0.004	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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 medical 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 substa	nce 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.

: Do not enter fire area without proper protective equipment, including respiratory protection.

Protection	during	firefighting
------------	--------	--------------

SECTION 6: Accidental release measures	
6.1. Personal precautions, prote	tive 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	

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for co	ntainment 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 Incompatible materials	 Strong bases. Strong acids. Sources of ignition. Direct sunlight. 		

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

A [ppm] EL	7 mg/m ³ 1 ppm 14 mg/m ³ 2 ppm	
A [ppm] EL	1 ppm 14 mg/m ³	
EL .	14 mg/m ³	
L [ppm]	2 ppm	
Occupational Exposure Limits		
L TWA)	7 mg/m³	
L TWA) [ppm]	1 ppm	
L STEL)	14 mg/m³	
L STEL) [ppm]	2 ppm	
- Occupational Exposure Limits		
λ	7 mg/m³ (vapor)	
\ [ppm]	1 ppm (vapor)	
L	14 mg/m³ (vapor)	
L [ppm]	2 ppm (vapor)	
Bulgaria - Occupational Exposure Limits		
λ	7 mg/m ³	
\ [ppm]	1 ppm	
L	14 mg/m ³	
L [ppm]	2 ppm	
Croatia - Occupational Exposure Limits		
. TWA) [1]	7 mg/m ³	
. TWA) [2]	1 ppm	
EL STEL)	14 mg/m³	
EL STEL) [ppm]	2 ppm	
Cyprus - Occupational Exposure Limits		
λ	7 mg/m ³	
\ [ppm]	1 ppm	
L	14 mg/m ³	
L [ppm]	2 ppm	
Czech Republic - Occupational Exposure Limits		
_ TWA)	5 mg/m ³	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Denmark - Occupational Exposure Limits OEL TWA [1] 7 mg/m ² DEL TWA [2] 1 ppm DEL TWA [2] 7 mg/m ² OEL TWA (ppm) 1 ppm OEL TWA (ppm) 1 ppm OEL STEL [0pm] 2 ppm Finland - Occupational Exposure Limits 1 mg/m ³ OEL STEL [0pm] 2 ppm Finland - Occupational Exposure Limits 1 mg/m ³ HTP (OEL TWA [1] 7 mg/m ³ HTP (OEL STEL) [0pm] 2 ppm France - Occupational Exposure Limits 2 ppm VME (OEL TWA) [1] 7 mg/m ³ VME (OEL TWA) [2] 1 ppm VME (OEL TWA) [2] 1 ppm VME (OEL TWA) [2] 1 ppm OEL chemical category Risk of cutaneous absorption OEL chemical category Risk of cutaneous absorption OEL TWA) [1] 7 mg/m ³ OEL TWA) [2] 1 ppm (the risk of damage to the embryo or felus can be excluded when AGW and BGW values are observed-vapor) Gibratar - Occupational Exposure Limits 1 mg/m ³ OEL TWA [1] 7 mg/m ³ OEL TWA [2]	Diphenyl oxide (101-84-8)		
OEL TWA [2]1 ppmEstonia - Occupational Exposure LimitsOEL TWA7 mg/m²OEL TWA [ppm]1 ppmOEL TWA [ppm]2 ppmOEL STEL [ppm]2 ppmFinland - Occupational Exposure LimitsHTP (OEL TWA) [1]7 mg/m²HTP (OEL TWA) [2]1 ppmHTP (OEL TWA) [2]1 4 mg/m²HTP (OEL STEL) [ppm]2 ppmFrance - Occupational Exposure LimitsWE (OEL TWA) [2]1 mg/m²MWE (OEL TWA) [2]1 ppmHTP (OEL STEL) [ppm]2 ppmCel TWA) [2]1 ppmVME (OEL TWA) [2]1 mg/m²MWE (OEL TWA) [1]7 mg/m²OEL TWA) [2]1 ppmOEL TWA) [2]1 ppm?OEL TWA) [2]1 ppm?OEL TWA) [2]1 ppm? (the risk of damage to the embry) or fetus can be excluded when AGW and BGW values are observed-vapor)AGW (OEL TWA) [2]1 ppm (the risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed-vapor)AGW (OEL TWA) [2]1 ppm (the risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed-vapor)AGW (OEL TWA) [2]1 ppm (the risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed-vapor)AGW (OEL TWA) [2]1 ppm (the risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed-vapor)AGW (OEL TWA) [2]1 ppm (the risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed-vapor)CEL TWA (ppm]2 ppmOEL TWA (ppm]1 ppmOEL TWA (ppm]<	Denmark - Occupational Exposure Limits		
Etonia - Occupational Exposure Limits OEL TWA 7 mg/m² OEL TWA (ppm) 1 ppm OEL STEL (ppm) 2 ppm Finland - Occupational Exposure Limits 7 mg/m² Finland - Occupational Exposure Limits 1 ppm HTP (OEL TWA) [1] 7 mg/m² HTP (OEL TWA) [2] 1 ppm Finace - Occupational Exposure Limits 7 mg/m² VME (OEL TWA) [2] 1 ppm OEL chemical Catagory Risk of cutaneous absorption Germany - Occupational Exposure Limits (TRGS 300) AGW (OEL TWA) [1] AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embry or fetus can be excluded when AGW and BGW values are observed-vapor) Gel tratar - Occupational Exposure Limits 7 mg/m² OEL TWA [1] 1 ppm OEL TWA [1] 7 mg/m²	OEL TWA [1]	7 mg/m³	
OEL TWA 7 mg/m³ OEL TWA (ppm) 1 ppm OEL STEL 14 mg/m³ OEL STEL 14 mg/m³ OEL STEL 12 ppm Finland - Occupational Exposure Limits 1 HTP (OEL TWA) [1] 7 mg/m³ HTP (OEL STEL) (ppm) 2 ppm France - Occupational Exposure Limits 1 VME (OEL TWA) [2] 1 ppm HTP (OEL STEL) (ppm) 2 ppm France - Occupational Exposure Limits 7 mg/m³ VME (OEL TWA) 7 mg/m³ OEL chemical category Risk of cutaneous absorption Germany - Occupational Exposure Limits (TROS 900) 7 i mg/m² (he risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [1] 7 i mg/m³ AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibraltar - Occupational Exposure Limits 7 mg/m³ GEL TWA 7 mg/m³ GEL TWA 1 ppm GEL TWA 1 ppm GEL TWA 7 mg/m³ GEL TWA 1 mg/m³ GEL TWA 1 ppm GEL TWA 7 mg/m³ GEL TWA 7 mg/m³ GEL TWA 1 ppm GEL TWA 1 mg/m³	OEL TWA [2]	1 ppm	
OE TWA [ppm] 1 pm OEL STEL 14 mg/m³ OEL STEL [pm] 2 ppm Finland - Occupational Exposure Limits 7 mg/m³ HTP (OEL TWA) [1] 7 mg/m³ HTP (OEL TWA) [2] 1 ppm HTP (OEL STEL) 14 mg/m³ HTP (OEL TWA) [2] 1 ppm HTP (OEL TWA) [2] 1 ppm CEL otheraic Exposure Limits 7 mg/m³ VME (OEL TWA) [2] 1 ppm OEL otheraic Exposure Limits (TRGS 9000) 7 mg/m³ (Marange to the embryo or fetus can be excluded when AGW and BGW wolkes are observed-vapor) Germany - Occupational Exposure Limits (TRGS 9000) 7 mg/m³ (Marange to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibratar - Occupational Exposure Limits 7 mg/m³ (Marange to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibratar - Occupational Exposure Limits 0 ppm OEL TWA [2] 1 ppm (merisk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibratar - Occupational Exposure Limits 0 ppm OEL TWA [2] 1 ppm (Marance Cocupational Exposure Limits OEL TWA [2] 1 ppm OEL STEL [ppm	Estonia - Occupational Exposure Limits		
OEL STEL 14 mg/m³ OEL STEL (ppm) 2 ppm Finland - Occupational Exposure Limits 1 HTP (OEL TWA) [1] 7 mg/m³ HTP (OEL STEL) 14 mg/m³ HTP (OEL STEL) (ppm) 2 ppm France - Occupational Exposure Limits 7 mg/m³ VME (OEL TWA) [ppm] 1 ppm OEL CHUA) (ppm] 1 ppm OEL TWA) [ppm] 7.1 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Cibratar - Occupational Exposure Limits 2 oppm OEL TWA [2]	OEL TWA	7 mg/m³	
OEL STEL [ppm] 2 ppm Finland - Occupational Exposure Limits 7 mg/m ³ HTP (OEL TWA) [1] 7 mg/m ³ HTP (OEL TWA) [2] 1 ppm HTP (OEL STEL) 14 mg/m ³ HTP (OEL STEL) 1 mg/m ³ HTP (OEL STEL) 1 mg/m ³ HTP (OEL STEL) 1 mg/m ³ VME (OEL TWA) 7 mg/m ³ OEL chemical category Rick of cutaneous absorption Germany - Occupational Exposure Limits (TRGS SOUCLINK) 1 AGW (OEL TWA) [1] 7.1 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibratar - Occupational Exposure Limits 7 mg/m ³ OEL TWA 7 mg/m ³ OEL TWA 7 mg/m ³ OEL TWA [2] 1 ppm OEL TWA [2] 1 ppm OEL TWA [2]	OEL TWA [ppm]	1 ppm	
Finland - Occupational Exposure Limits HTP (OEL TWA) [1] 7 mg/m³ HTP (OEL STEL) 1 ppm HTP (OEL STEL) 14 mg/m³ HTP (OEL STEL) 14 mg/m³ VME (OEL TWA) 2 ppm France - Occupational Exposure Limits 7 mg/m³ VME (OEL TWA) (ppm) 1 ppm OEL chemical category Risk of cutaneous absorption Germany - Occupational Exposure Limits 7 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [1] 7.1 mg/m² (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) OEL TWA 7 mg/m³ OEL TWA 7 mg/m³ OEL TWA 7 mg/m³	OEL STEL	14 mg/m ³	
HTP (OEL TWA) [1] 7 mg/m³ HTP (OEL TWA) [2] 1 ppm HTP (OEL STEL) 14 mg/m³ HTP (OEL STEL) [ppm] 2 ppm France - Occupational Exposure Limits 7 mg/m³ VME (OEL TWA) 7 mg/m³ OEL chemical category Risk of cutaneous absorption Germany - Occupational Exposure Limits (TRGS 9000000000000000000000000000000000000	OEL STEL [ppm]	2 ppm	
HTP (OEL TWA) [2] 1 ppm HTP (OEL STEL) 14 mg/m ³ HTP (OEL STEL) (ppm] 2 ppm Frace - Occupational Exposure Limits 7 mg/m ³ VME (OEL TWA) 7 mg/m ³ VME (OEL TWA) (ppm] 1 ppm OEL ordenical category Risk of cutaneous absorption Germany - Occupational Exposure Limits (TRGS 900) 7.1 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibraltar - Occupational Exposure Limits 7 mg/m ³ OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibraltar - Occupational Exposure Limits 7 mg/m ³ OEL TWA 2 mg/m ³ OEL TWA 1 ppm OEL STEL (ppm] 1 ppm OEL STEL (ppm] 200 ppm Greece - Occupational Exposure Limits 000000000000000000000000000000000000	Finland - Occupational Exposure Limits		
HTP (OEL STEL) 14 mg/m³ HTP (OEL STEL) [ppm] 2 ppm France - Occupational Exposure Limits 7 mg/m³ VME (OEL TWA) 7 mg/m³ OEL chemical category Risk of cutaneous absorption Germany - Occupational Exposure Limits (TRGS 3000000000000000000000000000000000000	HTP (OEL TWA) [1]	7 mg/m³	
HTP (OEL STEL) [ppm] 2 pm France - Occupational Exposure Limits 7 mg/m³ VME (OEL TWA) 7 mg/m³ OEL chemical category Risk of cutaneous absorption Germany - Occupational Exposure Limits (TRGS 9000) AGW (OEL TWA) [1] AGW (OEL TWA) [2] 7.1 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm Gibraltar - Occupational Exposure Limits 7 mg/m³ OEL TWA 1 ppm OEL TWA 7 mg/m³ OEL TWA 1 ppm OEL TWA 7 mg/m³ OEL TWA 1 ppm OEL TWA 7 mg/m³	HTP (OEL TWA) [2]	1 ppm	
France - Occupational Exposure Limits VME (OEL TWA) 7 mg/m³ VME (OEL TWA) [ppm] 1 ppm OEL chemical category Risk of cutaneous absorption Germany - Occupational Exposure Limits (TRGS 900) AGW (OEL TWA) [1] AGW (OEL TWA) [2] 1 ng/m² (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibrattar - Occupational Exposure Limits 7 mg/m³ OEL TWA 7 mg/m³ OEL TWA 7 mg/m³ OEL TWA [opm] 1 ppm OEL STEL 14 mg/m³ OEL STEL [ppm] 200 ppm Greece - Occupational Exposure Limits 000 ppm OEL TWA [ppm] 1 ppm OEL TWA [ppm] 1 ppm OEL TWA 7 mg/m³ OEL TWA 2 mg/m³ OEL TWA 7 mg/m³ OEL STEL 14 mg/m³ OEL TWA [ppm] 1 ppm OEL TWA [ppm] 2 ppm Hungary - Occupational Exposure Limits 2 ppm OEL STEL [ppm] 2 pg/m³	HTP (OEL STEL)	14 mg/m ³	
VME (OEL TWA) 7 mg/m ³ VME (OEL TWA) [ppm] 1 ppm OEL chemical category Risk of cutaneous absorption Germany - Occupational Exposure Limits (TRGS 900) I mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [1] 7.1 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibraltar - Occupational Exposure Limits 7 mg/m ³ OEL TWA 7 mg/m ³ OEL TWA (ppm] 1 ppm OEL TWA (ppm] 1 ppm OEL TWA (ppm] 1 ppm OEL STEL 14 mg/m ³ OEL TWA 7 mg/m ³ OEL TWA 7 mg/m ³ OEL TWA 1 ppm OEL TWA 2 ppm OEL TWA 7 mg/m ³ OEL TWA (ppm] 1 ppm OEL STEL </td <td>HTP (OEL STEL) [ppm]</td> <td>2 ppm</td>	HTP (OEL STEL) [ppm]	2 ppm	
VME (OEL TWA) [ppm] 1 ppm OEL chemical category Risk of cutaneous absorption Germany - Occupational Exposure Limits (TRGS 900) AGW (OEL TWA) [1] 7.1 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) GED TWA 7 mg/m³ OEL TWA 7 mg/m³ OEL TWA 7 mg/m³ OEL TWA 1 ppm OEL TWA 7 mg/m³ OEL TWA 1 ppm OEL TWA [ppm] 1 ppm OEL TWA [ppm] 2 ppm Hungary - Occupational Exposure Limits 7 mg/m³ OEL TWA [0] 7 mg	France - Occupational Exposure Limits		
OEL chemical category Risk of cutaneous absorption Germany - Occupational Exposure Limits (TRGS 900) AGW (OEL TWA) [1] 7.1 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibraltar - Occupational Exposure Limits 7 mg/m³ OEL TWA 7 mg/m³ OEL TWA [ppm] 1 ppm OEL STEL 14 mg/m³ OEL TWA 7 mg/m³ OEL TWA 9 ppm Greece - Occupational Exposure Limits 200 ppm OEL TWA 7 mg/m³ OEL TWA 9 ppm OEL STEL 14 mg/m³ OEL STEL [ppm] 2 ppm Hungary - Occupational Exposure Limits 7 mg/m³ OK (DEL STEL) 14 mg/m³ Ireland - Occupational Exposure Limits 7 mg/m³ (vapour) OEL TWA [1] 7 mg/m³ (vapour)	VME (OEL TWA)	7 mg/m³	
Germany - Occupational Exposure Limits (TRGS 90) AGW (OEL TWA) [1] 7.1 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) AGW (OEL TWA) [2] 1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor) Gibraltar - Occupational Exposure Limits 7 mg/m ³ OEL TWA 7 mg/m ³ OEL TWA [ppm] 1 ppm OEL STEL 14 mg/m ³ OEL TWA 7 mg/m ³ OEL STEL [ppm] 200 ppm Greece - Occupational Exposure Limits 7 mg/m ³ OEL TWA 7 mg/m ³ OEL TWA 9 ppm Greece - Occupational Exposure Limits 10 ppm OEL TWA 9 ppm OEL STEL 14 mg/m ³ OEL TWA [ppm] 1 ppm OEL STEL [ppm] 2 ppm Hungary - Occupational Exposure Limits 2 ppm K (OEL TWA) 7 mg/m ³ CK (OEL STEL) 14 mg/m ³ Ireland - Occupational Exposure Limits 7 mg/m ³ OEL TWA [1] 7 mg/m ³ OEL TWA [2] 1 ppm (vapour) OEL TWA [2] 1 ppm (vapour) <td>VME (OEL TWA) [ppm]</td> <td>1 ppm</td>	VME (OEL TWA) [ppm]	1 ppm	
AGW (OEL TWA) [1]7.1 mg/m3 (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor)AGW (OEL TWA) [2]1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor)Gibraltar - Occupational Exposure Limits7 mg/m3OEL TWA7 mg/m3OEL TWA (ppm]1 ppmOEL STEL14 mg/m3OEL STEL (ppm]200 ppmGerece - Occupational Exposure LimitsOEL TWA7 mg/m3OEL TWA1 ppmOEL TWA2 ppmGrece - Occupational Exposure LimitsOEL TWA7 mg/m3OEL TWA1 ppmOEL TWA1 ppmOEL TWA7 mg/m3OEL TWA1 ppmOEL TWA1 ppmOEL TWA1 ppmOEL TWA7 mg/m3OEL TWA1 ppmOEL TWA1 ppmOEL TWA1 ppmOEL TWA (ppm]1 ppmOEL STEL14 mg/m3OEL STEL (ppm]2 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)7 mg/m3CK (OEL STEL)14 mg/m3Ireland - Occupational Exposure LimitsOEL TWA [1]7 mg/m3 (vapour)OEL TWA [2]1 ppm (vapour)OEL TWA [2]1 ppm (vapour)OEL TWA [2]1 ppm (vapour)OEL TWA [2]1 ppm (vapour)	OEL chemical category	Risk of cutaneous absorption	
BGW values are observed-vapor)AGW (OEL TWA) [2]1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor)Gibraltar - Occupational Exposure Limits7 mg/m³OEL TWA7 mg/m³OEL TWA1 ppmOEL STEL14 mg/m³OEL STEL (ppm]200 ppmGreece - Occupational Exposure LimitsOEL TWA7 mg/m³OEL TWA1 ppmOEL TWA2 ng/m³OEL TWA2 ng/m³OEL TWA2 ng/m³OEL TWA1 ppmOEL TWA2 ng/m³OEL TWA1 ng/m³OEL STEL14 mg/m³OEL STEL (ppm]2 ppmHungary - Occupational Exposure LimitsCK (OEL STEL)1 4 mg/m³CK (OEL STEL)1 4 mg/m³OEL TWA)7 mg/m³CK (OEL STEL)1 4 mg/m³OEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL TWA [2]1 ppm (vapour)	Germany - Occupational Exposure Limits (TRGS 900)		
values are observed-vapor)Gibraltar - Occupational Exposure LimitsOEL TWA7 mg/m³OEL TWA (ppm)1 ppmOEL STEL14 mg/m³OEL STEL (ppm)200 ppmGreece - Occupational Exposure LimitsOEL TWA7 mg/m³OEL STEL1 ppmOEL STEL1 npmOEL STEL1 npmOEL STEL1 npmOEL STEL1 npmOEL STEL1 npmOEL STEL1 ng/m³OEL TWA)7 mg/m³CK (OEL STEL)1 ng/m³CK (DEL STEL)1 ng/m³OEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 pm (vapour)OEL STEL1 ng/m³ (vapour)OEL STEL1 ng/m³ (vapour)	AGW (OEL TWA) [1]		
OEL TWA7 mg/m³OEL TWA [ppm]1 ppmOEL STEL14 mg/m³OEL STEL [ppm]200 ppmGreece - Occupational Exposure Limits200 ppmOEL TWA7 mg/m³OEL TWA1 ppmOEL STEL14 mg/m³OEL STEL14 mg/m³OEL STEL [ppm]2 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)7 mg/m³CK (OEL STEL)14 mg/m³Ireland - Occupational Exposure LimitsOEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m³ (vapour)OEL STEL14 mg/m³ (vapour)	AGW (OEL TWA) [2]		
OEL TWA [ppm]1 ppmOEL STEL14 mg/m³OEL STEL [ppm]200 ppmGreece - Occupational Exposure LimitsOEL TWA7 mg/m³OEL TWA1 ppmOEL STEL14 mg/m³OEL STEL14 mg/m³OEL STEL [ppm]2 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)7 mg/m³CK (OEL STEL)14 mg/m³Ireland - Occupational Exposure LimitsOEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m³ (vapour)	Gibraltar - Occupational Exposure Limits		
OEL STEL14 mg/m³OEL STEL [ppm]200 ppmGreece - Occupational Exposure LimitsOEL TWA7 mg/m³OEL TWA [ppm]1 ppmOEL STEL14 mg/m³OEL STEL [ppm]2 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)7 mg/m³CK (OEL STEL)14 mg/m³Ireland - Occupational Exposure LimitsOEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m³ (vapour)OEL TWA [2]14 mg/m³ (vapour)	OEL TWA	7 mg/m³	
OEL STEL [ppm]200 ppmGreece - Occupational Exposure Limits200 ppmOEL TWA7 mg/m³OEL TWA [ppm]1 ppmOEL STEL14 mg/m³OEL STEL [ppm]2 ppmHungary - Occupational Exposure LimitsAK (OEL STEL)14 mg/m³CK (OEL STEL)14 mg/m³Ireland - Occupational Exposure LimitsOEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m³ (vapour)	OEL TWA [ppm]	1 ppm	
Greece - Occupational Exposure LimitsOEL TWA7 mg/m³OEL TWA [ppm]1 ppmOEL STEL14 mg/m³OEL STEL [ppm]2 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)7 mg/m³CK (OEL STEL)14 mg/m³Ireland - Occupational Exposure LimitsOEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m³ (vapour)OEL STEL14 mg/m³ (vapour)	OEL STEL	14 mg/m ³	
OEL TWA7 mg/m³OEL TWA [ppm]1 ppmOEL STEL14 mg/m³OEL STEL [ppm]2 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)7 mg/m³CK (OEL STEL)14 mg/m³Ireland - Occupational Exposure LimitsOEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m³ (vapour)OEL STEL14 mg/m³ (vapour)	OEL STEL [ppm]	200 ppm	
OEL TWA [ppm]1 ppmOEL STEL14 mg/m³OEL STEL [ppm]2 ppmHungary - Occupational Exposure LimitsAK (OEL TWA)7 mg/m³CK (OEL STEL)14 mg/m³Ireland - Occupational Exposure LimitsOEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m³ (vapour)OEL STEL14 mg/m³ (vapour)	Greece - Occupational Exposure Limits		
OEL STEL14 mg/m³OEL STEL [ppm]2 ppmHungary - Occupational Exposure Limits7 mg/m³AK (OEL TWA)7 mg/m³CK (OEL STEL)14 mg/m³Ireland - Occupational Exposure Limits7 mg/m³ (vapour)OEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m³ (vapour)OEL STEL14 mg/m³ (vapour)	OEL TWA	7 mg/m³	
OEL STEL [ppm]2 ppmHungary - Occupational Exposure Limits7 mg/m3AK (OEL TWA)7 mg/m3CK (OEL STEL)14 mg/m3Ireland - Occupational Exposure Limits7 mg/m3 (vapour)OEL TWA [1]7 mg/m3 (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m3 (vapour)OEL STEL14 mg/m3 (vapour)	OEL TWA [ppm]	1 ppm	
Hungary - Occupational Exposure Limits AK (OEL TWA) 7 mg/m³ CK (OEL STEL) 14 mg/m³ Ireland - Occupational Exposure Limits 7 mg/m³ (vapour) OEL TWA [1] 7 mg/m³ (vapour) OEL TWA [2] 1 ppm (vapour) OEL STEL 14 mg/m³ (vapour)	OEL STEL	14 mg/m³	
AK (OEL TWA)7 mg/m³CK (OEL STEL)14 mg/m³Ireland - Occupational Exposure LimitsOEL TWA [1]7 mg/m³ (vapour)OEL TWA [2]1 ppm (vapour)OEL STEL14 mg/m³ (vapour)	OEL STEL [ppm]	2 ppm	
CK (OEL STEL) 14 mg/m³ Ireland - Occupational Exposure Limits 7 mg/m³ (vapour) OEL TWA [1] 7 mg/m³ (vapour) OEL TWA [2] 1 ppm (vapour) OEL STEL 14 mg/m³ (vapour)	Hungary - Occupational Exposure Limits		
Ireland - Occupational Exposure Limits OEL TWA [1] 7 mg/m³ (vapour) OEL TWA [2] 1 ppm (vapour) OEL STEL 14 mg/m³ (vapour)	AK (OEL TWA)	7 mg/m³	
OEL TWA [1] 7 mg/m³ (vapour) OEL TWA [2] 1 ppm (vapour) OEL STEL 14 mg/m³ (vapour)	CK (OEL STEL)	14 mg/m ³	
OEL TWA [2] 1 ppm (vapour) OEL STEL 14 mg/m³ (vapour)	Ireland - Occupational Exposure Limits		
OEL STEL 14 mg/m ³ (vapour)	OEL TWA [1]	7 mg/m³ (vapour)	
	OEL TWA [2]	1 ppm (vapour)	
OEL STEL [ppm] 2 ppm (vapour)	OEL STEL	14 mg/m ³ (vapour)	
	OEL STEL [ppm]	2 ppm (vapour)	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Diphenyl oxide (101-84-8)		
Italy - Occupational Exposure Limits		
OEL TWA	7 mg/m³	
OEL TWA [ppm]	1 ppm	
Latvia - Occupational Exposure Limits		
OEL TWA	7 mg/m³	
OEL TWA [ppm]	1 ppm	
Lithuania - Occupational Exposure Limits	·	
IPRV (OEL TWA)	7 mg/m³	
IPRV (OEL TWA) [ppm]	1 ppm	
TPRV (OEL STEL)	14 mg/m ³	
TPRV (OEL STEL) [ppm]	2 ppm	
Luxembourg - Occupational Exposure Limits	·	
OEL TWA	7 mg/m³	
OEL TWA [ppm]	1 ppm	
OEL STEL	14 mg/m ³	
OEL STEL [ppm]	2 ppm	
Malta - Occupational Exposure Limits		
OEL TWA	7 mg/m³	
OEL TWA [ppm]	1 ppm	
OEL STEL	14 mg/m ³	
OEL STEL [ppm]	2 ppm	
Netherlands - Occupational Exposure Limits		
TGG-8u (OEL TWA)	7 mg/m³	
TGG-15min (OEL STEL)	14 mg/m ³	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	7 mg/m³	
NDSCh (OEL STEL)	14 mg/m ³	
Portugal - Occupational Exposure Limits		
OEL TWA	7 mg/m³	
OEL TWA [ppm]	1 ppm (vapor)	
OEL STEL	14 mg/m ³ (indicative limit value)	
OEL STEL [ppm]	2 ppm (indicative limit value-vapor)	
Romania - Occupational Exposure Limits		
OEL TWA	5 mg/m ³	
OEL TWA [ppm]	0.7 ppm	
OEL STEL	10 mg/m ³	
OEL STEL [ppm]	1.4 ppm	
Slovakia - Occupational Exposure Limits		
NPHV (OEL TWA) [1]	7 mg/m ³	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Diphenyl oxide (101-84-8)		
NPHV (OEL TWA) [2]	1 ppm	
NPHV (OEL C)	7.1 mg/m ³	
Slovenia - Occupational Exposure Limits		
OEL TWA	7 mg/m³	
OEL TWA [ppm]	1 ppm	
OEL STEL	14 mg/m ³	
OEL STEL [ppm]	2 ppm	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	7.1 mg/m³ (vapor)	
VLA-ED (OEL TWA) [2]	1 ppm (vapor)	
VLA-EC (OEL STEL)	14.2 mg/m³ (vapor)	
VLA-EC (OEL STEL) [ppm]	2 ppm (vapor)	
Sweden - Occupational Exposure Limits		
NGV (OEL TWA)	7 mg/m³	
NGV (OEL TWA) [ppm]	1 ppm	
KTV (OEL STEL)	14 mg/m ³	
KTV (OEL STEL) [ppm]	2 ppm	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	7.1 mg/m³ (vapour)	
WEL TWA (OEL TWA) [2]	1 ppm (vapour)	
WEL STEL (OEL STEL)	21.3 mg/m³ (calculated-vapour)	
WEL STEL (OEL STEL) [ppm]	3 ppm (calculated-vapour)	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	7 mg/m³	
Grenseverdi (OEL TWA) [2]	1 ppm	
Korttidsverdi (OEL STEL)	14 mg/m ³ (value from the regulation)	
Korttidsverdi (OEL STEL) [ppm]	2 ppm (value from the regulation)	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	7 mg/m ³ (aerosol, vapour)	
MAK (OEL TWA) [2]	1 ppm (aerosol, vapour)	
KZGW (OEL STEL)	14 mg/m ³ (aerosol, vapour)	
KZGW (OEL STEL) [ppm]	2 ppm (aerosol, vapour)	
OEL chemical category	Category 2 developmental toxin, Category 2 reproductive toxin	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	1 ppm (vapor)	
ACGIH OEL STEL [ppm]	2 ppm (vapor fraction)	

8.1.2. Recommended monitoring procedures

No additional information available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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):



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

Dhysical state	Liquid
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

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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.

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	
Cedarwood oil, Virginia (8000-27-9)		
LD50 oral rat	> 5 g/kg	
Hexamethylindanopyran (1222-05-5)		
LD50 oral rat	> 3250 mg/kg	
LD50 dermal rabbit	> 3250 mg/kg	
Cinnamic alcohol (104-54-1)		
LD50 oral	2000 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg	
Rosemary Oil (8000-25-7)		
LD50 oral rat	5 g/kg	
Diphenyl oxide (101-84-8)		
LD50 oral rat	2450 mg/kg	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Diphenyl oxide (101-84-8)		
LD50 oral		2830 mg/kg bodyweight
LD50 dermal rabbit		> 7940 mg/kg
LC50 Inhalation - Rat (Dust/Mist)		1.5 mg/l/4h
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 Reproductive toxicity Additional information STOT-single exposure		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 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
Additional information	: 1	Based on available data, the classification criteria are not met
Rosemary Oil (8000-25-7)		
STOT-single exposure		May cause damage to organs.
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 Based on available data, the classification criteria are not met

SECTION 12: Ecological information	
12.1. Toxicity	
Hazardous to the aquatic environment, short-term : (acute)	Harmful to aquatic life with long lasting effects. Not classified Harmful to aquatic life with long lasting effects.
Hexamethylindanopyran (1222-05-5)	
LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682
LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas
EC50 - Crustacea [2]	260 μg/l REACH Dossier
EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier
12.2. Persistence and degradability	
Type 33 - Bohe CC-16178 at 10% in DPG	
Persistence and degradability	May cause long-term adverse effects in the environment. Not established.
12.3. Bioaccumulative potential	
Type 33 - Bohe CC-16178 at 10% in DPG	
Bioaccumulative potential	Not established.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830		
Cinnamic alcohol (104-54-1)		
Partition coefficient n-octanol/water (Log Pow)	1.9	
Diphenyl oxide (101-84-8)		
BCF - Fish [1]	470	
Partition coefficient n-octanol/water (Log Pow)	4.2	
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		
Product/Packaging disposal recommendations	 Dispose of contents/container in accordance with local/national laws and regulations. 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-No. (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable 	
14.2. UN proper shipping name		
Proper Shipping Name (IMDG) Proper Shipping Name (IATA)	 Not applicable Not applicable Not applicable Not applicable Not applicable 	

Proper Shipping Name (ADN) : Not applicable Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es) ADR Transport hazard class(es) (ADR) : Not applicable IMDG ard alace(ee) (IMDC)

Transport hazard class(es) (IMDG)	: Not applicable
IATA Transport hazard class(es) (IATA)	: Not applicable
ADN	

: Not applicable

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

RID Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant Other information	: No : No : No supplementary information available
14.6. Special precautions for user	
Overland transport Not applicable	
Transport by sea Not applicable	
Air transport Not applicable	
Inland waterway transport Not applicable	
Rail transport Not applicable	
14.7. Transport in bulk according to Annex	I of Marpol and the IBC Code
Not applicable	
SECTION 15: Regulatory information	
SECTION 13. 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)	Rosemary Oil
3(b)	Iso E Super ; Rosemary Oil ; Cedarwood oil, Virginia ; Bacdanol
3(c)	Type 33 - Bohe CC-16178 at 10% in DPG ; Iso E Super ; Rosemary Oil ; Cedarwood oil, Virginia ; Bacdanol ; Hexamethylindanopyran
40.	Rosemary Oil

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.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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.

15.1.2. National regulations

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 1, Slightly 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	: Rosemary Oil,Cedarwood oil, Virginia are listed
SZW-lijst van mutagene stoffen	: Rosemary Oil, Cedarwood oil, Virginia are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen –	: None of the components are listed
Vruchtbaarheid	
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	: 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	
13.2. Onennual salety 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. 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
Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains Cinnamic alcohol, Iso E Super, Rosemary Oil. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-statements:	
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H371	May cause damage to organs.
H400	Very toxic to aquatic life.
H410	Very 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
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2

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.