

# EGG NOG CC-13087 at 5% in DPG

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its  
amendment Regulation (EU) 2020/878

# CandleCraft

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

### 1.1. Product identifier

Product form : Mixture  
Product name : EGG NOG CC-13087 5%  
Product code : CC-13087\_5%  
Type of product : Perfumes, fragrances

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : Perfumes, fragrances  
Function or use category : Odour agents

#### 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) : -  
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P273 - Avoid release to the environment.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in  
accordance with local, regional, national and/or international regulation.  
EUH-statements : EUH208 - Contains Eugenol, Cinnamic aldehyde. May produce an allergic reaction.  
Extra phrases : For professional users only.

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

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### 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]
Benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371-33	1.7 – 3.4	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802-33	0.21 – 0.44	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Cinnamic aldehyde	CAS-No.: 104-55-2 EC-No.: 203-213-9 REACH-no: 01-2119935242-45	0.102 – 0.21	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Hexamethylindanopyran	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227-29	0.06 – 0.1175	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH); substance with a Community workplace exposure limit	CAS-No.: 141-78-6 EC-No.: 205-500-4 EC Index-No.: 607-022-00-5 REACH-no: 01-2119475103-46	0.005 – 0.0125	Flam. Liq. 1, H224 Eye Irrit. 2, H319 STOT SE 3, H336
.alpha.-Pinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 80-56-8 EC-No.: 201-291-9	0.002 – 0.0108	Flam. Liq. 3, H226
.beta.-Pinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 127-91-3 EC-No.: 204-872-5	0.002 – 0.0108	Flam. Liq. 3, H226
Isobutyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH)	CAS-No.: 110-19-0 EC-No.: 203-745-1 EC Index-No.: 607-026-00-7	0.005 – 0.0075	Flam. Liq. 2, H225 STOT SE 3, H336
d-Limonene substance with national workplace exposure limit(s) (DE, ES, FI, SI, NO, CH)	CAS-No.: 5989-27-5 EC-No.: 205-341-0 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353-35	0.001 – 0.0048	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
p-Cymene substance with national workplace exposure limit(s) (DK, EE, LT, LV, SE)	CAS-No.: 99-87-6 EC-No.: 202-796-7 EC Index-No.: 601-094-00-1	0.0002 – 0.002	Flam. Liq. 3, H226 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:dust,mist), H331 Repr. 2, H361 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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.
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#### 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	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: 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.
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##### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

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### 6.2. Environmental precautions

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

### 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

d-Limonene (5989-27-5)	
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA) [1]	140 mg/m <sup>3</sup>
HTP (OEL TWA) [2]	25 ppm
HTP (OEL STEL)	280 mg/m <sup>3</sup>
HTP (OEL STEL) [ppm]	50 ppm
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	28 mg/m <sup>3</sup> (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)
Chemical category	Skin notation, Skin sensitization
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	28 mg/m <sup>3</sup>
OEL TWA [ppm]	5 ppm
OEL STEL	112 mg/m <sup>3</sup>
OEL STEL [ppm]	20 ppm

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<b>d-Limonene (5989-27-5)</b>	
OEL chemical category	Potential for cutaneous absorption
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (OEL TWA) [1]	168 mg/m <sup>3</sup>
VLA-ED (OEL TWA) [2]	30 ppm
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption
<b>Norway - Occupational Exposure Limits</b>	
Grønseverdi (OEL TWA) [1]	140 mg/m <sup>3</sup>
Grønseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	175 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
OEL chemical category	Allergenic substance
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	40 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	7 ppm
KZGW (OEL STEL)	80 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	14 ppm
OEL chemical category	Sensitizer
<b>.alpha.-Pinene (80-56-8)</b>	
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA [ppm]	20 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	150 mg/m <sup>3</sup> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL TWA [ppm]	25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL	300 mg/m <sup>3</sup> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL [ppm]	50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	150 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	25 ppm
TPRV (OEL STEL)	300 mg/m <sup>3</sup>
TPRV (OEL STEL) [ppm]	50 ppm
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (OEL TWA) [1]	113 mg/m <sup>3</sup>
VLA-ED (OEL TWA) [2]	20 ppm

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<b>.alpha.-Pinene (80-56-8)</b>	
OEL chemical category	Sensitizer
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	150 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	25 ppm
KTV (OEL STEL)	300 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Sensitizer
<b>Norway - Occupational Exposure Limits</b>	
Grønseverdi (OEL TWA) [1]	140 mg/m <sup>3</sup>
Grønseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	175 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
OEL chemical category	Skin notation
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer
<b>.beta.-Pinene (127-91-3)</b>	
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA [ppm]	20 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	150 mg/m <sup>3</sup> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL TWA [ppm]	25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL	300 mg/m <sup>3</sup> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL [ppm]	50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	150 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	25 ppm
TPRV (OEL STEL)	300 mg/m <sup>3</sup>
TPRV (OEL STEL) [ppm]	50 ppm
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (OEL TWA) [1]	113 mg/m <sup>3</sup>
VLA-ED (OEL TWA) [2]	20 ppm
OEL chemical category	Sensitizer

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<b>.beta.-Pinene (127-91-3)</b>	
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	150 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	25 ppm
KTV (OEL STEL)	300 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Sensitizer
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA) [1]	140 mg/m <sup>3</sup>
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	175 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer
<b>p-Cymene (99-87-6)</b>	
<b>Denmark - Occupational Exposure Limits</b>	
OEL TWA [1]	135 mg/m <sup>3</sup> (Methylisopropylbenzenes)
OEL TWA [2]	25 ppm (Methylisopropylbenzenes)
OEL STEL	270 mg/m <sup>3</sup> (Methylisopropylbenzenes)
OEL STEL [ppm]	50 ppm (Methylisopropylbenzenes)
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	140 mg/m <sup>3</sup>
OEL TWA [ppm]	25 ppm
OEL STEL	190 mg/m <sup>3</sup>
OEL STEL [ppm]	35 ppm
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	10 mg/m <sup>3</sup> (Cymene (2, 3, 4-isomers mixture))
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	140 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	25 ppm
TPRV (OEL STEL)	190 mg/m <sup>3</sup>
TPRV (OEL STEL) [ppm]	35 ppm
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	140 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	25 ppm
KTV (OEL STEL)	190 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	35 ppm

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<b>Ethyl acetate (141-78-6)</b>	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
IOEL TWA	734 mg/m <sup>3</sup>
IOEL TWA [ppm]	200 ppm
IOEL STEL	1468 mg/m <sup>3</sup>
IOEL STEL [ppm]	400 ppm
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	734 mg/m <sup>3</sup>
MAK (OEL TWA) [ppm]	200 ppm
MAK (OEL STEL)	1468 mg/m <sup>3</sup>
MAK (OEL STEL) [ppm]	400 ppm
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup>
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup>
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Croatia - Occupational Exposure Limits</b>	
GVI (OEL TWA) [1]	734 mg/m <sup>3</sup>
GVI (OEL TWA) [2]	200 ppm
KGVI (OEL STEL)	1468 mg/m <sup>3</sup>
KGVI (OEL STEL) [ppm]	400 ppm
<b>Cyprus - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup>
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	700 mg/m <sup>3</sup>
<b>Denmark - Occupational Exposure Limits</b>	
OEL TWA [1]	540 mg/m <sup>3</sup>
OEL TWA [2]	150 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	500 mg/m <sup>3</sup>



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<b>Ethyl acetate (141-78-6)</b>	
OEL TWA [ppm]	150 ppm
OEL STEL	1100 mg/m <sup>3</sup>
OEL STEL [ppm]	300 ppm
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA) [1]	730 mg/m <sup>3</sup>
HTP (OEL TWA) [2]	200 ppm
HTP (OEL STEL)	1470 mg/m <sup>3</sup>
HTP (OEL STEL) [ppm]	400 ppm
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	734 mg/m <sup>3</sup>
VME (OEL TWA) [ppm]	200 ppm
VLE (OEL C/STEL)	1468 mg/m <sup>3</sup> (restrictive limit)
VLE (OEL C/STEL) [ppm]	400 ppm (restrictive limit)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	730 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
AGW (OEL TWA) [2]	200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
<b>Gibraltar - Occupational Exposure Limits</b>	
OEL TWA	200 mg/m <sup>3</sup>
OEL TWA [ppm]	734 ppm
OEL STEL	400 mg/m <sup>3</sup>
OEL STEL [ppm]	1468 ppm
<b>Greece - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup>
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Hungary - Occupational Exposure Limits</b>	
AK (OEL TWA)	734 mg/m <sup>3</sup>
CK (OEL STEL)	1468 mg/m <sup>3</sup>
OEL chemical category	Sensitizer
<b>Ireland - Occupational Exposure Limits</b>	
OEL TWA [1]	734 mg/m <sup>3</sup>
OEL TWA [2]	200 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Italy - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup>
OEL TWA [ppm]	200 ppm

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<b>Ethyl acetate (141-78-6)</b>	
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	200 mg/m <sup>3</sup>
OEL TWA [ppm]	54 ppm
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	500 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	150 ppm
NRV (OEL C)	1100 mg/m <sup>3</sup>
NRV (OEL C) [ppm]	300 ppm
<b>Luxembourg - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup>
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Malta - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup>
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Netherlands - Occupational Exposure Limits</b>	
TGG-8u (OEL TWA)	734 mg/m <sup>3</sup>
TGG-8u (OEL TWA) [ppm]	200 ppm
TGG-15min (OEL STEL)	1468 mg/m <sup>3</sup>
TGG-15min (OEL STEL) [ppm]	400 ppm
<b>Poland - Occupational Exposure Limits</b>	
NDS (OEL TWA)	734 mg/m <sup>3</sup>
NDSch (OEL STEL)	1468 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup> (indicative limit value)
OEL TWA [ppm]	200 ppm (indicative limit value)
OEL STEL	1468 mg/m <sup>3</sup> (indicative limit value)
OEL STEL [ppm]	400 ppm (indicative limit value)
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup>
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm

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<b>Ethyl acetate (141-78-6)</b>	
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA) [1]	734 mg/m <sup>3</sup>
NPHV (OEL TWA) [2]	200 ppm
NPHV (OEL C)	1100 mg/m <sup>3</sup>
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	734 mg/m <sup>3</sup>
OEL TWA [ppm]	200 ppm
OEL STEL	1468 mg/m <sup>3</sup>
OEL STEL [ppm]	400 ppm
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (OEL TWA) [1]	734 mg/m <sup>3</sup>
VLA-ED (OEL TWA) [2]	200 ppm
VLA-EC (OEL STEL)	1468 mg/m <sup>3</sup>
VLA-EC (OEL STEL) [ppm]	400 ppm
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	550 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	150 ppm
KTV (OEL STEL)	1100 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	300 ppm
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA) [1]	734 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	200 ppm
WEL STEL (OEL STEL)	1468 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	400 ppm
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA) [1]	734 mg/m <sup>3</sup>
Grenseverdi (OEL TWA) [2]	200 ppm
Korttidsverdi (OEL STEL)	1468 mg/m <sup>3</sup> (value from the regulation)
Korttidsverdi (OEL STEL) [ppm]	400 ppm (value from the regulation)
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	730 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	200 ppm
KZGW (OEL STEL)	1460 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	400 ppm
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	400 ppm
<b>Isobutyl acetate (110-19-0)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	241 mg/m <sup>3</sup> (Butyl acetates)

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<b>Isobutyl acetate (110-19-0)</b>	
MAK (OEL TWA) [ppm]	50 ppm (Butyl acetates)
MAK (OEL STEL)	480 mg/m <sup>3</sup> (Butyl acetate)
MAK (OEL STEL) [ppm]	100 ppm (Butyl acetate)
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA	238 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	712 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Croatia - Occupational Exposure Limits</b>	
GVI (OEL TWA) [1]	241 mg/m <sup>3</sup>
GVI (OEL TWA) [2]	50 ppm
KGVI (OEL STEL)	723 mg/m <sup>3</sup>
KGVI (OEL STEL) [ppm]	150 ppm
<b>Cyprus - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	241 mg/m <sup>3</sup>
<b>Denmark - Occupational Exposure Limits</b>	
OEL TWA [1]	241 mg/m <sup>3</sup> (Butyl acetate, all isomers)
OEL TWA [2]	50 ppm (Butyl acetate, all isomers)
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA) [1]	240 mg/m <sup>3</sup> (Butyl acetate)
HTP (OEL TWA) [2]	50 ppm (Butyl acetate)
HTP (OEL STEL)	725 mg/m <sup>3</sup> (Butyl acetate)

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<b>Isobutyl acetate (110-19-0)</b>	
HTP (OEL STEL) [ppm]	150 ppm (Butyl acetate)
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	241 mg/m <sup>3</sup> (restrictive limit)
VME (OEL TWA) [ppm]	50 ppm (restrictive limit)
VLE (OEL C/STEL)	723 mg/m <sup>3</sup> (restrictive limit)
VLE (OEL C/STEL) [ppm]	150 ppm (restrictive limit)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	300 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
AGW (OEL TWA) [2]	62 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
<b>Greece - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Hungary - Occupational Exposure Limits</b>	
AK (OEL TWA)	241 mg/m <sup>3</sup>
CK (OEL STEL)	723 mg/m <sup>3</sup>
OEL chemical category	Sensitizer
<b>Ireland - Occupational Exposure Limits</b>	
OEL TWA [1]	241 mg/m <sup>3</sup>
OEL TWA [2]	50 ppm
OEL STEL	723 mg/m <sup>3</sup> (calculated)
OEL STEL [ppm]	150 ppm (calculated)
<b>Italy - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	241 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	50 ppm
TPRV (OEL STEL)	723 mg/m <sup>3</sup>
TPRV (OEL STEL) [ppm]	150 ppm
<b>Luxembourg - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>

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<b>Isobutyl acetate (110-19-0)</b>	
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Malta - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Netherlands - Occupational Exposure Limits</b>	
TGG-8u (OEL TWA)	241 mg/m <sup>3</sup>
TGG-8u (OEL TWA) [ppm]	50 ppm
TGG-15min (OEL STEL)	723 mg/m <sup>3</sup>
TGG-15min (OEL STEL) [ppm]	150 ppm
<b>Poland - Occupational Exposure Limits</b>	
NDS (OEL TWA)	240 mg/m <sup>3</sup>
NDSCh (OEL STEL)	720 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup> (indicative limit value)
OEL TWA [ppm]	50 ppm (indicative limit value)
OEL STEL	723 mg/m <sup>3</sup> (indicative limit value)
OEL STEL [ppm]	150 ppm (indicative limit value)
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA) [1]	480 mg/m <sup>3</sup>
NPHV (OEL TWA) [2]	100 ppm
NPHV (OEL C)	700 mg/m <sup>3</sup>
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	241 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (OEL TWA) [1]	241 mg/m <sup>3</sup>
VLA-ED (OEL TWA) [2]	50 ppm
VLA-EC (OEL STEL)	723 mg/m <sup>3</sup>

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<b>Isobutyl acetate (110-19-0)</b>	
VLA-EC (OEL STEL) [ppm]	150 ppm
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	241 mg/m <sup>3</sup> (Butyl acetates)
NGV (OEL TWA) [ppm]	50 ppm (Butyl acetates)
KTV (OEL STEL)	723 mg/m <sup>3</sup> (Butyl acetates)
KTV (OEL STEL) [ppm]	150 ppm (Butyl acetates)
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA) [1]	724 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	150 ppm
WEL STEL (OEL STEL)	903 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	187 ppm
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA) [1]	241 mg/m <sup>3</sup>
Grenseverdi (OEL TWA) [2]	50 ppm
Korttidsverdi (OEL STEL)	723 mg/m <sup>3</sup> (value from the regulation)
Korttidsverdi (OEL STEL) [ppm]	150 ppm (value from the regulation)
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	240 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	50 ppm
KZGW (OEL STEL)	720 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	150 ppm
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	50 ppm (Butyl acetates, all isomers)
ACGIH OEL STEL [ppm]	150 ppm (Butyl acetates, all isomers)

### 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.

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### 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

Physical state	: Liquid
Colour	: Standard.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 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



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### 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 (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

<b>Benzyl benzoate (120-51-4)</b>	
LD50 oral rat	500 mg/kg (Source: NLM_CIP)
LD50 oral	1160 mg/kg bodyweight
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)
<b>Eugenol (97-53-0)</b>	
LD50 oral rat	1930 mg/kg (Source: NZ_CCID)
LD50 oral	2500 mg/kg bodyweight
<b>Cinnamic aldehyde (104-55-2)</b>	
LD50 oral rat	2220 mg/kg (Source: NLM_CIP)
LD50 oral	2200 mg/kg bodyweight
LD50 dermal rabbit	1260 mg/kg (Source: EPA_HPVS)
LD50 dermal	1100 mg/kg bodyweight
<b>Hexamethylindanopyran (1222-05-5)</b>	
LD50 oral rat	> 3250 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 3250 mg/kg (Source: CHEMVIEW)
<b>d-Limonene (5989-27-5)</b>	
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)

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<b>.alpha.-Pinene (80-56-8)</b>	
LD50 oral rat	3700 mg/kg (Source: NLM_CIP)
LD50 oral	500 mg/kg bodyweight
LD50 dermal rat	> 5000 mg/kg (Source: CHEMVIEW)
<b>.beta.-Pinene (127-91-3)</b>	
LD50 oral rat	> 5000 mg/kg (Source: EPA_HP)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
<b>p-Cymene (99-87-6)</b>	
LD50 oral rat	4750 mg/kg (Source: NLM_CIP)
LD50 oral	4750 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
LC50 Inhalation - Rat	> 9.7 mg/l (Exposure time: 5 h Source: EU_CLH)
LC50 Inhalation - Rat (Vapours)	9.7 mg/l/4h
<b>Ethyl acetate (141-78-6)</b>	
LD50 oral rat	5620 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 18000 mg/kg (Source: JAPAN_GHS)
LC50 Inhalation - Rat [ppm]	4000 ppm/4h
<b>Isobutyl acetate (110-19-0)</b>	
LD50 oral rat	15400 mg/kg (Source: JAPAN_GHS)
LD50 dermal rabbit	> 17400 mg/kg (Source: NLM_CIP)
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
<b>Eugenol (97-53-0)</b>	
IARC group	3 - Not classifiable
<b>d-Limonene (5989-27-5)</b>	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
<b>Ethyl acetate (141-78-6)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Isobutyl acetate (110-19-0)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met

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Aspiration hazard : Not classified  
Additional information : Based on available data, the classification criteria are not met

### Benzyl benzoate (120-51-4)

Viscosity, kinematic : 7.456 mm<sup>2</sup>/s

Potential adverse human health effects and symptoms : 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) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

### Benzyl benzoate (120-51-4)

LC50 - Fish [1] : 2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)

NOEC (chronic) : 0.168 mg/l

### Eugenol (97-53-0)

LC50 - Fish [1] : 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)

### 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

### d-Limonene (5989-27-5)

LC50 - Fish [1] : 0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)

LC50 - Fish [2] : 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)

### .alpha.-Pinene (80-56-8)

LC50 - Fish [1] : 0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)

EC50 - Crustacea [1] : 41 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### Ethyl acetate (141-78-6)

LC50 - Fish [1] : 220 – 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)

LC50 - Fish [2] : 484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: IUCLID)

EC50 - Crustacea [1] : 560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

### Isobutyl acetate (110-19-0)

LC50 - Fish [1] : 17 mg/l (Exposure time: 96 h - Species: Oryzias latipes Source: ECHA)

### 12.2. Persistence and degradability

#### EGG NOG CC-13087 5%

Persistence and degradability : Not established.

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<b>Benzyl benzoate (120-51-4)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>12.3. Bioaccumulative potential</b>	
<b>EGG NOG CC-13087 5%</b>	
Bioaccumulative potential	Not established.
<b>Benzyl benzoate (120-51-4)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
Bioaccumulative potential	Not established.
<b>Eugenol (97-53-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5))
<b>Cinnamic aldehyde (104-55-2)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.1065 (at 25 °C)
<b>Hexamethylindanopyran (1222-05-5)</b>	
BCF - Fish [1]	(1618 dimensionless (whole body w.w.))
Partition coefficient n-octanol/water (Log Pow)	5.3 (at 25 °C (at pH 7))
<b>d-Limonene (5989-27-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2))
<b>.alpha.-Pinene (80-56-8)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.1
<b>p-Cymene (99-87-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.8 (at 20 °C (at pH 7))
Partition coefficient n-octanol/water (Log Kow)	0
<b>Ethyl acetate (141-78-6)</b>	
BCF - Fish [1]	(30 dimensionless)
Partition coefficient n-octanol/water (Log Pow)	0.73 (at 20 °C (at pH 7))
<b>Isobutyl acetate (110-19-0)</b>	
BCF - Fish [1]	(no significant bioconcentration)
Partition coefficient n-octanol/water (Log Pow)	2.3 (at 25 °C (at pH 7))

### 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.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
HP Code	: HP3 - "Flammable:" <ul style="list-style-type: none"><li>– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point &gt; 55 °C and ≤ 75 °C;</li><li>– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;</li><li>– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;</li><li>– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;</li><li>– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;</li><li>– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.</li></ul>
	HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

### SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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

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### 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

##### REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	d-Limonene ; .alpha.-Pinene ; .beta.-Pinene ; p-Cymene ; Ethyl acetate ; Isobutyl acetate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	Benzyl benzoate ; Eugenol ; Cinnamic aldehyde ; d-Limonene ; p-Cymene ; Ethyl acetate ; Isobutyl acetate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	EGG NOG CC-13087 5% ; Benzyl benzoate ; Cinnamic aldehyde ; Hexamethylindanopyran ; d-Limonene ; p-Cymene	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
40.	d-Limonene ; .alpha.-Pinene ; .beta.-Pinene ; p-Cymene ; Ethyl acetate ; Isobutyl acetate	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 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

#### France

Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

#### Germany

Water hazard class (WGK)

: WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).

Storage class (LGK, TRGS 510)

: LGK 12 - Non-combustible liquids.

Joint storage table

LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for

: LGK 1, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for

: LGK 4.1A, LGK 4.3, LGK 5.1C.

Joint storage permitted for

: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13.

List of sensitizing substances (TRGS 907)

: Contains sensitizing substances according TRGS 907.

Hazardous Incident Ordinance (12. BImSchV)

: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

ABM category

: A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen

: None of the components are listed

SZW-lijst van mutagene stoffen

: None of the components 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

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.

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Full text of H- and EUH-statements:	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
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
EUH208	Contains Eugenol, Cinnamic aldehyde. May produce an allergic reaction.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 1	Flammable liquids, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
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.
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

The classification complies with : ATP 12

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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.