

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

#### 1.1. Product identifier

Product form	: Mixture
Trade name	: COFFEE #EU26161F
UFI	: 52FA-62RQ-F004-1SSQ
Product code	: EU26161F
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

Main use category	: Industrial use, Professional use
Industrial/Professional use spec	: For professional use only Industrial
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

FRENCH COLOR & FRAGRANCE International GmbH  
Mittlerer Weg 35  
DE- 79424 Auggen  
Germany  
T 49-7631-931-8900  
[SDS@frenchcolor.com](mailto:SDS@frenchcolor.com) - [www.frenchcolor.com](http://www.frenchcolor.com)

#### 1.4. Emergency telephone number

Emergency number	: 1-800-255-3924; +01-813-248-0585; China:+400-120-0751; Mexico:+01-800-099-0731; Brazil: +0-800-591-6042; India: +000-800-100-4086
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412
Full text of H- and EUH-statements: see section 16	

##### Adverse physicochemical, human health and environmental effects

Very toxic to aquatic life. Harmful to aquatic life with long lasting effects. May cause an allergic skin reaction.

#### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.  
H412 - Harmful to aquatic life with long lasting effects.

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Precautionary statements (CLP)	: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P321 - Specific treatment (see supplemental first aid instruction on this label).
Extra phrases	: Restricted to professional users. For professional users only.

### 2.3. Other hazards

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## 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]
Bis(2-ethylhexyl) adipate substance with national workplace exposure limit(s) (PL)	CAS-No.: 103-23-1 EC-No.: 203-090-1 REACH-no: 01-2119439699-19	72.8 – 92.8	Not classified
Benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371-33	1.3935375 – 3.59415	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Benzothiazole substance with national workplace exposure limit(s) (PL)	CAS-No.: 95-16-9 EC-No.: 202-396-2	0.15 – 0.3	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Dermal), H310 Acute Tox. 4 (Inhalation), H332 Acute Tox. 3 (Inhalation:vapour), H331 Eye Irrit. 2, H319
3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-	CAS-No.: 3658-77-3 EC-No.: 222-908-8	0.0565 – 0.226	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Irrit. 2, H319 Skin Sens. 1A, H317
1,2-Cyclopentanedione, 3-methyl-	CAS-No.: 765-70-8 EC-No.: 212-154-8	0.1 – 0.2	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317
Vetiveria zizanioides root oil	CAS-No.: 8016-96-4 EC-No.: 616-993-4 REACH-no: 01-2120119716-55	0.1 – 0.2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
acetyl propionyl substance with national workplace exposure limit(s) (DE, SI, CH)	CAS-No.: 600-14-6 EC-No.: 209-984-8	0.04225 – 0.169	Flam. Liq. 2, H225 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT RE 2, H373

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethyl alcohol substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SI, SK, NO, CH)	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5	0.00125 – 0.053	Flam. Liq. 2, H225
Pyridine substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 110-86-1 EC-No.: 203-809-9 EC Index-No.: 613-002-00-7	0.0025625 – 0.01025	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332
2,6-Xylenol substance with national workplace exposure limit(s) (LV, RO)	CAS-No.: 576-26-1 EC-No.: 209-400-1 EC Index-No.: 604-006-00-X	0.0020625 – 0.00825	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Isovaleraldehyde substance with national workplace exposure limit(s) (AT, DE, LT, SI)	CAS-No.: 590-86-3 EC-No.: 209-691-5	0.0015625 – 0.00625	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Chronic 2, H411
Acetaldehyde substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SI, SK, NO, CH)	CAS-No.: 75-07-0 EC-No.: 200-836-8 EC Index-No.: 605-003-00-6	0.000625 – 0.0025	Flam. Liq. 1, H224 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Muta. 2, H341 Carc. 1B, H350 STOT SE 3, H335

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 after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.  
Storage temperature : 25 °C  
Storage area : Store in a well-ventilated place. Store away from heat.  
Special rules on packaging : Store in a closed container.  
Packaging materials : Do not store in corrodable metal.

### 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

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<b>Benzothiazole (95-16-9)</b>	
<b>Poland - Occupational Exposure Limits</b>	
NDS (OEL TWA)	20 mg/m <sup>3</sup>
<b>Acetaldehyde (75-07-0)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	90 mg/m <sup>3</sup>
MAK (OEL TWA) [ppm]	50 ppm
MAK (OEL STEL)	90 mg/m <sup>3</sup>
MAK (OEL STEL) [ppm]	50 ppm
OEL C	90 mg/m <sup>3</sup>
OEL C [ppm]	50 ppm
OEL chemical category	Group B Carcinogen
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA [ppm]	25 ppm
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA	30 mg/m <sup>3</sup>
OEL STEL	200 mg/m <sup>3</sup>
<b>Croatia - Occupational Exposure Limits</b>	
GVI (OEL TWA) [1]	37 mg/m <sup>3</sup>
GVI (OEL TWA) [2]	20 ppm
KGVI (OEL STEL)	92 mg/m <sup>3</sup>
KGVI (OEL STEL) [ppm]	50 ppm
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	50 mg/m <sup>3</sup>
<b>Denmark - Occupational Exposure Limits</b>	
OEL C	45 mg/m <sup>3</sup>
OEL C [ppm]	25 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	45 mg/m <sup>3</sup>
OEL TWA [ppm]	25 ppm
OEL STEL	90 mg/m <sup>3</sup>
OEL STEL [ppm]	50 ppm
OEL chemical category	Carcinogenic substance
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL STEL)	46 mg/m <sup>3</sup>
HTP (OEL STEL) [ppm]	25 ppm
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	180 mg/m <sup>3</sup>
VME (OEL TWA) [ppm]	100 ppm
OEL chemical category	Carcinogen category 1B, Mutagen category 2

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<b>Acetaldehyde (75-07-0)</b>	
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	91 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]	50 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	180 mg/m <sup>3</sup>
OEL TWA [ppm]	100 ppm
OEL STEL	270 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
<b>Hungary - Occupational Exposure Limits</b>	
AK (OEL TWA)	45 mg/m <sup>3</sup>
CK (OEL STEL)	45 mg/m <sup>3</sup>
<b>Ireland - Occupational Exposure Limits</b>	
OEL STEL	45 mg/m <sup>3</sup>
OEL STEL [ppm]	25 ppm
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	5 mg/m <sup>3</sup>
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	45 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	25 ppm
TPRV (OEL STEL)	90 mg/m <sup>3</sup>
TPRV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Carcinogen
<b>Netherlands - Occupational Exposure Limits</b>	
TGG-8u (OEL TWA)	37 mg/m <sup>3</sup>
TGG-8u (OEL TWA) [ppm]	20 ppm
TGG-15min (OEL STEL)	92 mg/m <sup>3</sup>
TGG-15min (OEL STEL) [ppm]	50 ppm
<b>Poland - Occupational Exposure Limits</b>	
NDSP (OEL C)	45 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL C [ppm]	25 ppm
OEL chemical category	A2 - Suspected Human Carcinogen
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA	90 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	180 mg/m <sup>3</sup>
OEL STEL [ppm]	100 ppm

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<b>Acetaldehyde (75-07-0)</b>	
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA) [1]	91 mg/m <sup>3</sup>
NPHV (OEL TWA) [2]	50 ppm
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	91 mg/m <sup>3</sup>
OEL TWA [ppm]	50 ppm
OEL STEL	91 mg/m <sup>3</sup>
OEL STEL [ppm]	50 ppm
OEL chemical category	Category 2
<b>Spain - Occupational Exposure Limits</b>	
VLA-EC (OEL STEL)	46 mg/m <sup>3</sup>
VLA-EC (OEL STEL) [ppm]	25 ppm
OEL chemical category	C1B
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	45 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	25 ppm
KTV (OEL STEL)	90 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Carcinogen
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA) [1]	37 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	20 ppm
WEL STEL (OEL STEL)	92 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	50 ppm
WEL chemical category	Capable of causing cancer and/or heritable genetic damage
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA) [1]	45 mg/m <sup>3</sup>
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	67.5 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
OEL chemical category	Carcinogen
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	90 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	50 ppm
KZGW (OEL STEL)	90 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	50 ppm
OEL chemical category	Category C2 carcinogen
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL C [ppm]	25 ppm

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<b>Acetaldehyde (75-07-0)</b>	
ACGIH chemical category	Suspected Human Carcinogen
<b>Ethyl alcohol (64-17-5)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	1900 mg/m <sup>3</sup>
MAK (OEL TWA) [ppm]	1000 ppm
MAK (OEL STEL)	3800 mg/m <sup>3</sup>
MAK (OEL STEL) [ppm]	2000 ppm
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA	1907 mg/m <sup>3</sup>
OEL TWA [ppm]	1000 ppm
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA	1000 mg/m <sup>3</sup>
<b>Croatia - Occupational Exposure Limits</b>	
GVI (OEL TWA) [1]	1900 mg/m <sup>3</sup>
GVI (OEL TWA) [2]	1000 ppm
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	1000 mg/m <sup>3</sup>
<b>Denmark - Occupational Exposure Limits</b>	
OEL TWA [1]	1900 mg/m <sup>3</sup>
OEL TWA [2]	1000 ppm
OEL STEL	3800 mg/m <sup>3</sup>
OEL STEL [ppm]	2000 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	1000 mg/m <sup>3</sup>
OEL TWA [ppm]	500 ppm
OEL STEL	1900 mg/m <sup>3</sup>
OEL STEL [ppm]	1000 ppm
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA) [1]	1900 mg/m <sup>3</sup>
HTP (OEL TWA) [2]	1000 ppm
HTP (OEL STEL)	2500 mg/m <sup>3</sup>
HTP (OEL STEL) [ppm]	1300 ppm
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	1900 mg/m <sup>3</sup>
VME (OEL TWA) [ppm]	1000 ppm
VLE (OEL C/STEL)	9500 mg/m <sup>3</sup>
VLE (OEL C/STEL) [ppm]	5000 ppm



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Ethyl alcohol (64-17-5)	
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	380 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>Greece - Occupational Exposure Limits</b>	
OEL TWA	1900 mg/m <sup>3</sup>
OEL TWA [ppm]	1000 ppm
<b>Hungary - Occupational Exposure Limits</b>	
AK (OEL TWA)	1900 mg/m <sup>3</sup>
CK (OEL STEL)	3800 mg/m <sup>3</sup>
<b>Ireland - Occupational Exposure Limits</b>	
OEL STEL [ppm]	1000 ppm
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	1000 mg/m <sup>3</sup>
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	1000 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	500 ppm
TPRV (OEL STEL)	1900 mg/m <sup>3</sup>
TPRV (OEL STEL) [ppm]	1000 ppm
<b>Netherlands - Occupational Exposure Limits</b>	
TGG-8u (OEL TWA)	260 mg/m <sup>3</sup>
TGG-8u (OEL TWA) [ppm]	137 ppm
TGG-15min (OEL STEL)	1900 mg/m <sup>3</sup>
TGG-15min (OEL STEL) [ppm]	1000 ppm
MAC chemical category	Skin notation
<b>Poland - Occupational Exposure Limits</b>	
NDS (OEL TWA)	1900 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL STEL [ppm]	1000 ppm
OEL chemical category	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA	1900 mg/m <sup>3</sup>
OEL TWA [ppm]	1000 ppm
OEL STEL	9500 mg/m <sup>3</sup>
OEL STEL [ppm]	5000 ppm
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA) [1]	960 mg/m <sup>3</sup>
NPHV (OEL TWA) [2]	500 ppm
NPHV (OEL C)	1920 mg/m <sup>3</sup>

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Ethyl alcohol (64-17-5)	
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	960 mg/m <sup>3</sup>
OEL TWA [ppm]	500 ppm
OEL STEL	1920 mg/m <sup>3</sup>
OEL STEL [ppm]	1000 ppm
<b>Spain - Occupational Exposure Limits</b>	
VLA-EC (OEL STEL)	1910 mg/m <sup>3</sup>
VLA-EC (OEL STEL) [ppm]	1000 ppm
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	1000 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	500 ppm
KTV (OEL STEL)	1900 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	1000 ppm
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA) [1]	1920 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	1000 ppm
WEL STEL (OEL STEL)	5760 mg/m <sup>3</sup> (calculated)
WEL STEL (OEL STEL) [ppm]	3000 ppm (calculated)
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA) [1]	950 mg/m <sup>3</sup>
Grenseverdi (OEL TWA) [2]	500 ppm
Korttidsverdi (OEL STEL)	1187.5 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	625 ppm (value calculated)
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	960 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	500 ppm
KZGW (OEL STEL)	1920 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	1000 ppm
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL STEL [ppm]	1000 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
<b>acetyl propionyl (600-14-6)</b>	
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	0.083 mg/m <sup>3</sup>
AGW (OEL TWA) [2]	0.02 ppm
Chemical category	Skin notation, Skin sensitization
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	0.083 mg/m <sup>3</sup>
OEL TWA [ppm]	0.02 ppm

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<b>acetyl propionyl (600-14-6)</b>	
OEL STEL	0.083 mg/m <sup>3</sup>
OEL STEL [ppm]	0.02 ppm
OEL chemical category	Potential for cutaneous absorption
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	0.08 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	0.02 ppm
KZGW (OEL STEL)	0.16 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	0.04 ppm
OEL chemical category	Sensitizer, Skin notation
<b>Bis(2-ethylhexyl) adipate (103-23-1)</b>	
<b>Poland - Occupational Exposure Limits</b>	
NDS (OEL TWA)	400 mg/m <sup>3</sup>
<b>Isovaleraldehyde (590-86-3)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	39 mg/m <sup>3</sup>
MAK (OEL TWA) [ppm]	10 ppm
MAK (OEL STEL)	39 mg/m <sup>3</sup>
MAK (OEL STEL) [ppm]	10 ppm
OEL C	39 mg/m <sup>3</sup>
OEL C [ppm]	10 ppm
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	39 mg/m <sup>3</sup>
AGW (OEL TWA) [2]	10 ppm
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	10 mg/m <sup>3</sup>
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	39 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	39 mg/m <sup>3</sup>
OEL STEL [ppm]	10 ppm
<b>Pyridine (110-86-1)</b>	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
IOEL TWA	15 mg/m <sup>3</sup> (existing scientific data on health effects appear to be particularly limited)
IOEL TWA [ppm]	5 ppm (existing scientific data on health effects appear to be particularly limited)
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	15 mg/m <sup>3</sup>
MAK (OEL TWA) [ppm]	5 ppm
MAK (OEL STEL)	60 mg/m <sup>3</sup>

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Pyridine (110-86-1)	
MAK (OEL STEL) [ppm]	20 ppm
OEL chemical category	Skin notation
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA	3.3 mg/m <sup>3</sup>
OEL TWA [ppm]	1 ppm
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
<b>Croatia - Occupational Exposure Limits</b>	
GVI (OEL TWA) [1]	15 mg/m <sup>3</sup>
GVI (OEL TWA) [2]	5 ppm
<b>Cyprus - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
OEL TWA [ppm]	5 ppm
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	5 mg/m <sup>3</sup>
OEL chemical category	Potential for cutaneous absorption
<b>Denmark - Occupational Exposure Limits</b>	
OEL TWA [1]	15 mg/m <sup>3</sup>
OEL TWA [2]	5 ppm
OEL STEL	30 mg/m <sup>3</sup>
OEL STEL [ppm]	10 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
OEL TWA [ppm]	5 ppm
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA) [1]	3 mg/m <sup>3</sup>
HTP (OEL TWA) [2]	1 ppm
HTP (OEL STEL)	16 mg/m <sup>3</sup>
HTP (OEL STEL) [ppm]	5 ppm
OEL chemical category	Potential for cutaneous absorption
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	15 mg/m <sup>3</sup>
VME (OEL TWA) [ppm]	5 ppm
VLE (OEL C/STEL)	30 mg/m <sup>3</sup>
VLE (OEL C/STEL) [ppm]	10 ppm
<b>Gibraltar - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup> (existing scientific data on health effects appear to be particularly limited)
OEL TWA [ppm]	5 ppm (existing scientific data on health effects appear to be particularly limited)

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Pyridine (110-86-1)	
<b>Greece - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
OEL TWA [ppm]	5 ppm
OEL STEL	30 mg/m <sup>3</sup>
OEL STEL [ppm]	10 ppm
<b>Hungary - Occupational Exposure Limits</b>	
AK (OEL TWA)	15 mg/m <sup>3</sup>
CK (OEL STEL)	30 mg/m <sup>3</sup>
OEL chemical category	Sensitizer, Potential for cutaneous absorption
<b>Ireland - Occupational Exposure Limits</b>	
OEL TWA [1]	15 mg/m <sup>3</sup>
OEL TWA [2]	5 ppm
OEL STEL	30 mg/m <sup>3</sup>
OEL STEL [ppm]	10 ppm (total resin acid-airborne)
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
OEL TWA [ppm]	5 ppm
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	15 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	5 ppm
<b>Luxembourg - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
OEL TWA [ppm]	5 ppm
<b>Malta - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
OEL TWA [ppm]	5 ppm
<b>Netherlands - Occupational Exposure Limits</b>	
TGG-8u (OEL TWA)	0.9 mg/m <sup>3</sup>
TGG-8u (OEL TWA) [ppm]	0.3 ppm
<b>Poland - Occupational Exposure Limits</b>	
NDS (OEL TWA)	5 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup> (indicative limit value)
OEL TWA [ppm]	5 ppm (indicative limit value)
OEL chemical category	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
OEL TWA [ppm]	5 ppm

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Pyridine (110-86-1)	
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA) [1]	15 mg/m <sup>3</sup>
NPHV (OEL TWA) [2]	5 ppm
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
OEL TWA [ppm]	5 ppm
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (OEL TWA) [1]	3 mg/m <sup>3</sup>
VLA-ED (OEL TWA) [2]	1 ppm
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	7 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	2 ppm
KTV (OEL STEL)	10 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	3 ppm
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA) [1]	16 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	5 ppm
WEL STEL (OEL STEL)	33 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	10 ppm
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA) [1]	15 mg/m <sup>3</sup>
Grenseverdi (OEL TWA) [2]	5 ppm
Korttidsverdi (OEL STEL)	22.5 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	10 ppm (value calculated)
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	15 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	5 ppm
KZGW (OEL STEL)	30 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	10 ppm
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	1 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
<b>2,6-Xylenol (576-26-1)</b>	
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	2 mg/m <sup>3</sup>
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
OEL STEL	20 mg/m <sup>3</sup>

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### 2,6-Xylenol (576-26-1)

#### USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA [ppm]	1 ppm (inhalable fraction and vapor)
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans, dermal sensitizer

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

###### Eye protection:

Safety glasses

##### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing

###### Hand protection:

Protective gloves

##### 8.2.2.3. Respiratory protection

###### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow. amber. Conforms to standard.
Odour	: characteristic.
Odour threshold	: Not available

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Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 93.3 °C (closed cup) ASTM D7094
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: ≈ 0.98
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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



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<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>Benzothiazole (95-16-9)</b>	
LD50 oral rat	380 mg/kg (Source: JAPAN_GHS)
LD50 oral	240 mg/kg bodyweight
LD50 dermal rabbit	126 – 200 mg/kg (Source: JAPAN_GHS)
LD50 dermal	1000 mg/kg bodyweight
LC50 Inhalation - Rat	5 mg/l/4h
<b>Acetaldehyde (75-07-0)</b>	
LD50 oral rat	660 mg/kg (Source: JAPAN_GHS)
LD50 oral	700 mg/kg bodyweight
LD50 dermal rabbit	3540 mg/kg (Source: NLM_HSDB)
LD50 dermal	3540 mg/kg bodyweight
LC50 Inhalation - Rat [ppm]	13000 ppm/4h
<b>Ethyl alcohol (64-17-5)</b>	
LD50 oral rat	7060 mg/kg (Source: NLM_CIP)
LC50 Inhalation - Rat	133.8 mg/l/4h
<b>acetyl propionyl (600-14-6)</b>	
LD50 oral rat	3 g/kg (Source: NLM_CIP)
LD50 oral	3000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg (Source: NIOSH)
LD50 dermal	2500 mg/kg bodyweight
<b>Bis(2-ethylhexyl) adipate (103-23-1)</b>	
LD50 oral rat	5600 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	8410 mg/kg (Source: NLM_CIP)
LC50 Inhalation - Rat	> 5.7 mg/l/4h
<b>1,2-Cyclopentanedione, 3-methyl- (765-70-8)</b>	
LD50 oral	1067 mg/kg bodyweight
<b>3(2H)-Furanone, 4-hydroxy-2,5-dimethyl- (3658-77-3)</b>	
LD50 oral	1608 mg/kg bodyweight
<b>Isovaleraldehyde (590-86-3)</b>	
LD50 oral rat	5600 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	2730 mg/kg (Source: NLM_CIP)
LD50 dermal	2534 mg/kg bodyweight
LC50 Inhalation - Rat	42.7 mg/l/4h

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<b>Pyridine (110-86-1)</b>	
LD50 oral rat	866 mg/kg (Source: JAPAN_GHS)
LD50 oral	500 mg/kg bodyweight
LD50 dermal rabbit	1000 – 2000 mg/kg (Source: CHEMVIEW)
LD50 dermal	1100 mg/kg bodyweight
LC50 Inhalation - Rat	12.898 mg/l/4h
LC50 Inhalation - Rat (Vapours)	15 mg/l/4h
<b>2,6-Xylenol (576-26-1)</b>	
LD50 oral rat	296 mg/kg (Source: JAPAN_GHS)
LD50 oral	296 mg/kg bodyweight
LD50 dermal rabbit	1 g/kg (Source: NLM_CIP)
LD50 dermal	960 mg/kg bodyweight
<b>Vetiveria zizanoides root oil (8016-96-4)</b>	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
Skin corrosion/irritation	: Not classified
<b>Pyridine (110-86-1)</b>	
pH	8.5 (conc: 0.2 M (aqueous solution))
Serious eye damage/irritation	: Not classified
<b>Pyridine (110-86-1)</b>	
pH	8.5 (conc: 0.2 M (aqueous solution))
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
<b>Acetaldehyde (75-07-0)</b>	
IARC group	1 - Carcinogenic to humans,2B - Possibly carcinogenic to humans
<b>Bis(2-ethylhexyl) adipate (103-23-1)</b>	
IARC group	3 - Not classifiable
<b>Pyridine (110-86-1)</b>	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
<b>Acetaldehyde (75-07-0)</b>	
STOT-single exposure	May cause respiratory irritation.
<b>Isovaleraldehyde (590-86-3)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
<b>acetyl propionyl (600-14-6)</b>	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
<b>Benzyl benzoate (120-51-4)</b>	
Viscosity, kinematic	7.456 mm <sup>2</sup> /s

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### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.  
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

#### Benzothiazole (95-16-9)

LC50 - Fish [1]	58.8 – 69.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
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#### Acetaldehyde (75-07-0)

LC50 - Fish [1]	28 – 34 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
LC50 - Fish [2]	53 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 - Crustacea [1]	3.64 – 6.15 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 - Crustacea [2]	48.3 mg/l (Exposure time: 48 h - Species: Daphnia magna)

#### Ethyl alcohol (64-17-5)

LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)
EC50 - Crustacea [1]	9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

#### Bis(2-ethylhexyl) adipate (103-23-1)

LC50 - Fish [1]	0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
LC50 - Fish [2]	0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)
EC50 - Crustacea [1]	> 1.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	> 500 mg/l (Species: Desmodesmus subspicatus)

#### Isovaleraldehyde (590-86-3)

LC50 - Fish [1]	2.98 – 3.54 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
EC50 - Crustacea [1]	177 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	80 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	78 mg/l (Species: Desmodesmus subspicatus)

#### Pyridine (110-86-1)

LC50 - Fish [1]	63.4 – 73.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
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Pyridine (110-86-1)	
LC50 - Fish [2]	26 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: EPA)
2,6-Xylenol (576-26-1)	
LC50 - Fish [1]	27 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
EC50 - Crustacea [1]	11.2 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	11.2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
12.2. Persistence and degradability	
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential	
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
Bioaccumulative potential	Not established.
Benzothiazole (95-16-9)	
BCF - Fish [1]	2.1 – 7.5
Partition coefficient n-octanol/water (Log Pow)	2.01
Acetaldehyde (75-07-0)	
Partition coefficient n-octanol/water (Log Pow)	0.45 – 0.63 (at 25 °C (at pH 7))
Ethyl alcohol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	-0.35 (at 24 °C (at pH 7.4))
Bis(2-ethylhexyl) adipate (103-23-1)	
BCF - Fish [1]	(27 dimensionless)
Partition coefficient n-octanol/water (Log Pow)	8.94 (at 25 °C)
3(2H)-Furanone, 4-hydroxy-2,5-dimethyl- (3658-77-3)	
Partition coefficient n-octanol/water (Log Pow)	0.95 (at 20 °C (at pH 2.5))
Isovaleraldehyde (590-86-3)	
Partition coefficient n-octanol/water (Log Pow)	1.5 (at 25 °C (at pH 7))
Pyridine (110-86-1)	
Partition coefficient n-octanol/water (Log Pow)	0.65
2,6-Xylenol (576-26-1)	
Partition coefficient n-octanol/water (Log Pow)	2.36

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

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### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods

HP Code

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

: HP3 - "Flammable:"

– 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 > 55 °C and ≤ 75 °C;

– 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;

– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;

– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;

– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;

– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

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 or ID 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

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### Air transport

Not applicable

### Inland waterway transport

Not applicable

### Rail transport

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

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
28.	Acetaldehyde	Substances which are classified as carcinogen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or Appendix 2, respectively.
3(a)	Acetaldehyde ; Ethyl alcohol ; acetyl propionyl ; Isovaleraldehyde ; Pyridine	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)	COFFEE #EU26161F ; Benzyl benzoate ; Benzothiazole ; Acetaldehyde ; acetyl propionyl ; 3(2H)-Furanone, 4-hydroxy-2,5-dimethyl- ; Isovaleraldehyde ; Pyridine ; Vetiveria zizanoides root oil	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)	COFFEE #EU26161F ; Benzyl benzoate ; Isovaleraldehyde ; Vetiveria zizanoides root oil	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.	Acetaldehyde ; Ethyl alcohol ; acetyl propionyl ; Isovaleraldehyde ; Pyridine	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)

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### 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)

### 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 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

ABM category : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment  
SZW-lijst van kankerverwekkende stoffen : Acetaldehyde, Ethyl alcohol are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : Ethyl alcohol is listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : Ethyl alcohol is listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : Ethyl alcohol is listed

#### Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed  
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4

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Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) 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 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Carc. 1B	Carcinogenicity, Category 1B
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 1	Flammable liquids, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Muta. 2	Germ cell mutagenicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation



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The classification complies with : ATP 12

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.