

# TIRAMISU CC-16458 10% in DPG

## Safety Data Sheet

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



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

#### 1.1. Product identifier

Product form : Mixture  
Product name : TIRAMISU CC-16458 10% in DPG  
Product code : CC-16458\_10%  
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, H412  
Category 3  
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 COUMARIN, 1,2-Cyclopentanedione, 3-methyl-, Heliotropine. May produce an allergic reaction.  
Extra phrases : Restricted to professional users.  
For professional users only.

#### 2.3. Other hazards

Contains no PBT and/or 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 substance(s) are 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 %

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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	4.26 – 8.51083	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
COUMARIN	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756-26	0.13 – 0.25	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411
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
Heliotropine	CAS-No.: 120-57-0 EC-No.: 204-409-7 REACH-no: 01-2119983608-21	0.05 – 0.1	Skin Sens. 1B, H317
Acetyl Propionyl substance with national workplace exposure limit(s) (DE, SI, CH)	CAS-No.: 600-14-6 EC-No.: 209-984-8	0 – 0.0027	Flam. Liq. 2, H225 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT RE 2, H373
ethanol; 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 – 0.00085	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 – 0.00016	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 – 0.00013	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 – 0.0001	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
acetaldehyde; ethanal 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 – 0.00004	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 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.

#### Germany

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

#### Switzerland

Storage class (LK)

: LK 10/12 - Liquids

### 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

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

##### Austria - Occupational Exposure Limits

MAK (OEL TWA)

39 mg/m<sup>3</sup>

10 ppm

MAK (OEL STEL)

39 mg/m<sup>3</sup>

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<b>Isovaleraldehyde (590-86-3)</b>	
	10 ppm
OEL C	39 mg/m <sup>3</sup>
	10 ppm
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA)	39 mg/m <sup>3</sup>
	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>
	10 ppm
OEL STEL	39 mg/m <sup>3</sup>
	10 ppm
<b>ethanol; ethyl alcohol (64-17-5)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	1900 mg/m <sup>3</sup>
	1000 ppm
MAK (OEL STEL)	3800 mg/m <sup>3</sup>
	2000 ppm
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA	1907 mg/m <sup>3</sup>
	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)	1900 mg/m <sup>3</sup>
	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	1900 mg/m <sup>3</sup>
	1000 ppm
OEL STEL	3800 mg/m <sup>3</sup>
	2000 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	1000 mg/m <sup>3</sup>
	500 ppm
OEL STEL	1900 mg/m <sup>3</sup>
	1000 ppm

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<b>ethanol; ethyl alcohol (64-17-5)</b>	
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA)	1900 mg/m <sup>3</sup>
	1000 ppm
HTP (OEL STEL)	2500 mg/m <sup>3</sup>
	1300 ppm
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	1900 mg/m <sup>3</sup>
	1000 ppm
VLE (OEL C/STEL)	9500 mg/m <sup>3</sup>
	5000 ppm
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA)	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)
	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>
	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	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>
	500 ppm
TPRV (OEL STEL)	1900 mg/m <sup>3</sup>
	1000 ppm
<b>Netherlands - Occupational Exposure Limits</b>	
TGG-8u (OEL TWA)	260 mg/m <sup>3</sup>
	137 ppm
TGG-15min (OEL STEL)	1900 mg/m <sup>3</sup>
	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	1000 ppm

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<b>ethanol; ethyl alcohol (64-17-5)</b>	
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>
	1000 ppm
OEL STEL	9500 mg/m <sup>3</sup>
	5000 ppm
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA)	960 mg/m <sup>3</sup>
	500 ppm
NPHV (OEL C)	1920 mg/m <sup>3</sup>
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	960 mg/m <sup>3</sup>
	500 ppm
OEL STEL	1920 mg/m <sup>3</sup>
	1000 ppm
<b>Spain - Occupational Exposure Limits</b>	
VLA-EC (OEL STEL)	1910 mg/m <sup>3</sup>
	1000 ppm
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	1000 mg/m <sup>3</sup>
	500 ppm
KGV (OEL STEL)	1900 mg/m <sup>3</sup>
	1000 ppm
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA)	1920 mg/m <sup>3</sup>
	1000 ppm
WEL STEL (OEL STEL)	5760 mg/m <sup>3</sup> (calculated)
	3000 ppm (calculated)
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA)	950 mg/m <sup>3</sup>
	500 ppm
Korttidsverdi (OEL STEL)	1187.5 mg/m <sup>3</sup> (value calculated)
	625 ppm (value calculated)
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA)	960 mg/m <sup>3</sup>
	500 ppm
KZGW (OEL STEL)	1920 mg/m <sup>3</sup>
	1000 ppm

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ethanol; ethyl alcohol (64-17-5)	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL STEL	1000 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
<b>acetaldehyde; ethanal (75-07-0)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	90 mg/m <sup>3</sup>
	50 ppm
MAK (OEL STEL)	90 mg/m <sup>3</sup>
	50 ppm
OEL C	90 mg/m <sup>3</sup>
	50 ppm
OEL chemical category	Group B Carcinogen
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA	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)	37 mg/m <sup>3</sup>
	20 ppm
KGVI (OEL STEL)	92 mg/m <sup>3</sup>
	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>
	25 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	45 mg/m <sup>3</sup>
	25 ppm
OEL STEL	90 mg/m <sup>3</sup>
	50 ppm
OEL chemical category	Carcinogenic substance
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL STEL)	46 mg/m <sup>3</sup>
	25 ppm
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	180 mg/m <sup>3</sup>
	100 ppm

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<b>acetaldehyde; ethanal (75-07-0)</b>	
OEL chemical category	Carcinogen category 1B, Mutagen category 2
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA)	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)
	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>
	100 ppm
OEL STEL	270 mg/m <sup>3</sup>
	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>
	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>
	25 ppm
TPRV (OEL STEL)	90 mg/m <sup>3</sup>
	50 ppm
OEL chemical category	Carcinogen
<b>Netherlands - Occupational Exposure Limits</b>	
TGG-8u (OEL TWA)	37 mg/m <sup>3</sup>
	20 ppm
TGG-15min (OEL STEL)	92 mg/m <sup>3</sup>
	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	25 ppm
OEL chemical category	A2 - Suspected Human Carcinogen
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA	90 mg/m <sup>3</sup>
	50 ppm
OEL STEL	180 mg/m <sup>3</sup>
	100 ppm

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

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<b>acetaldehyde; ethanal (75-07-0)</b>	
ACGIH chemical category	Suspected Human Carcinogen
<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>
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	1 ppm (inhalable fraction and vapor)
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans, dermal sensitizer
<b>Acetyl Propionyl (600-14-6)</b>	
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA)	0.083 mg/m <sup>3</sup>
	0.02 ppm
Chemical category	Skin notation, Skin sensitization
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	0.083 mg/m <sup>3</sup>
	0.02 ppm
OEL STEL	0.083 mg/m <sup>3</sup>
	0.02 ppm
OEL chemical category	Potential for cutaneous absorption
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA)	0.08 mg/m <sup>3</sup>
	0.02 ppm
KZGW (OEL STEL)	0.16 mg/m <sup>3</sup>
	0.04 ppm
OEL chemical category	Sensitizer, Skin notation
<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)
	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>
	5 ppm
MAK (OEL STEL)	60 mg/m <sup>3</sup>
	20 ppm
OEL chemical category	Skin notation

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pyridine (110-86-1)	
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA	3.3 mg/m <sup>3</sup>
	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)	15 mg/m <sup>3</sup>
	5 ppm
<b>Cyprus - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
	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	15 mg/m <sup>3</sup>
	5 ppm
OEL STEL	30 mg/m <sup>3</sup>
	10 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
	5 ppm
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA)	3 mg/m <sup>3</sup>
	1 ppm
HTP (OEL STEL)	16 mg/m <sup>3</sup>
	5 ppm
OEL chemical category	Potential for cutaneous absorption
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	15 mg/m <sup>3</sup>
	5 ppm
VLE (OEL C/STEL)	30 mg/m <sup>3</sup>
	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)
	5 ppm (existing scientific data on health effects appear to be particularly limited)
<b>Greece - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
	5 ppm

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pyridine (110-86-1)	
OEL STEL	30 mg/m <sup>3</sup>
	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	15 mg/m <sup>3</sup>
	5 ppm
OEL STEL	30 mg/m <sup>3</sup>
	10 ppm (total resin acid-airborne)
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
	5 ppm
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	15 mg/m <sup>3</sup>
	5 ppm
<b>Luxembourg - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
	5 ppm
<b>Malta - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
	5 ppm
<b>Netherlands - Occupational Exposure Limits</b>	
TGG-8u (OEL TWA)	0.9 mg/m <sup>3</sup>
	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)
	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>
	5 ppm
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA)	15 mg/m <sup>3</sup>
	5 ppm

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pyridine (110-86-1)	
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	15 mg/m <sup>3</sup>
	5 ppm
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (OEL TWA)	3 mg/m <sup>3</sup>
	1 ppm
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	7 mg/m <sup>3</sup>
	2 ppm
KGV (OEL STEL)	10 mg/m <sup>3</sup>
	3 ppm
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA)	16 mg/m <sup>3</sup>
	5 ppm
WEL STEL (OEL STEL)	33 mg/m <sup>3</sup>
	10 ppm
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA)	15 mg/m <sup>3</sup>
	5 ppm
Korttidsverdi (OEL STEL)	22.5 mg/m <sup>3</sup> (value calculated)
	10 ppm (value calculated)
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA)	15 mg/m <sup>3</sup>
	5 ppm
KZGW (OEL STEL)	30 mg/m <sup>3</sup>
	10 ppm
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	1 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans

### 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

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### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

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



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses

#### 8.2.2.2. Skin protection

##### Hand protection:

Wear protective gloves.

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Wear appropriate mask

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Standard.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Non flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 93 °C
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	: Not available
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

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### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on 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

<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>COUMARIN (91-64-5)</b>	
LD50 oral rat	> 5000 mg/kg (Source: JAPAN_GHS)
LD50 oral	290 mg/kg bodyweight
LD50 dermal rat	293 mg/kg (Source: ECHA_API)
<b>1,2-Cyclopentanedione, 3-methyl- (765-70-8)</b>	
LD50 oral	1067 mg/kg bodyweight
<b>Heliotropine (120-57-0)</b>	
LD50 oral rat	2700 mg/kg (Source: NLM_CIP)
LD50 oral	2700 mg/kg bodyweight
LD50 dermal rat	> 5000 mg/kg (Source: ECHA_API)
<b>Isovaleraldehyde (590-86-3)</b>	
LD50 oral rat	5600 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	2730 mg/kg (Source: NLM_CIP)

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<b>Isovaleraldehyde (590-86-3)</b>	
LD50 dermal	2534 mg/kg bodyweight
LC50 Inhalation - Rat	42.7 mg/l/4h
<b>ethanol; ethyl alcohol (64-17-5)</b>	
LD50 oral rat	7060 mg/kg (Source: NLM_CIP)
LC50 Inhalation - Rat	133.8 mg/l/4h
<b>acetaldehyde; ethanal (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>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>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>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
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
<b>pyridine (110-86-1)</b>	
pH	8.5 (conc: 0.2 M (aqueous solution))
Serious eye damage/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
<b>pyridine (110-86-1)</b>	
pH	8.5 (conc: 0.2 M (aqueous solution))
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

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

### COUMARIN (91-64-5)

IARC group : 3 - Not classifiable

### acetaldehyde; ethanal (75-07-0)

IARC group : 1 - Carcinogenic to humans, 2B - Possibly carcinogenic to humans

### pyridine (110-86-1)

IARC group : 2B - Possibly carcinogenic to humans

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

### Isovaleraldehyde (590-86-3)

STOT-single exposure : May cause respiratory irritation.

### acetaldehyde; ethanal (75-07-0)

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified  
Additional information : Based on available data, the classification criteria are not met

### Acetyl Propionyl (600-14-6)

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

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

### Heliotropine (120-57-0)

Viscosity, kinematic : Not applicable

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available

### 11.2.2. Other information

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

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<b>Heliotropine (120-57-0)</b>	
LC50 - Fish [1]	2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static] Source: ECHA)
<b>Isovaleraldehyde (590-86-3)</b>	
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)
<b>ethanol; ethyl alcohol (64-17-5)</b>	
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])
<b>acetaldehyde; ethanal (75-07-0)</b>	
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)
<b>2,6-xyleneol (576-26-1)</b>	
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])
<b>pyridine (110-86-1)</b>	
LC50 - Fish [1]	63.4 – 73.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
LC50 - Fish [2]	26 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: EPA)
<b>12.2. Persistence and degradability</b>	
<b>TIRAMISU CC-16458 10% in DPG</b>	
Persistence and degradability	Not established.
<b>benzyl benzoate (120-51-4)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>COUMARIN (91-64-5)</b>	
Persistence and degradability	Rapidly degradable
<b>1,2-Cyclopentanedione, 3-methyl- (765-70-8)</b>	
Persistence and degradability	Rapidly degradable
<b>Heliotropine (120-57-0)</b>	
Persistence and degradability	Rapidly degradable

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Isovaleraldehyde (590-86-3)	
Persistence and degradability	Rapidly degradable
ethanol; ethyl alcohol (64-17-5)	
Persistence and degradability	Rapidly degradable
acetaldehyde; ethanal (75-07-0)	
Persistence and degradability	Rapidly degradable
2,6-xylenol (576-26-1)	
Persistence and degradability	Rapidly degradable
Acetyl Propionyl (600-14-6)	
Persistence and degradability	Rapidly degradable
pyridine (110-86-1)	
Persistence and degradability	Rapidly degradable

### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
Bioaccumulative potential	Not established.
Heliotropine (120-57-0)	
Partition coefficient n-octanol/water (Log Pow)	1.2 (at 35 °C)
Isovaleraldehyde (590-86-3)	
Partition coefficient n-octanol/water (Log Pow)	1.5 (at 25 °C (at pH 7))
ethanol; ethyl alcohol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	-0.35 (at 24 °C (at pH 7.4))
acetaldehyde; ethanal (75-07-0)	
Partition coefficient n-octanol/water (Log Pow)	0.45 – 0.63 (at 25 °C (at pH 7))
2,6-xylenol (576-26-1)	
Partition coefficient n-octanol/water (Log Pow)	2.36
pyridine (110-86-1)	
Partition coefficient n-octanol/water (Log Pow)	0.65

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

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### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecological information : Avoid release to the environment.  
HP Code : 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

#### 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

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### 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; ethanal	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)	Isovaleraldehyde ; ethanol; ethyl alcohol ; acetaldehyde; ethanal ; Acetyl Propionyl ; 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)	benzyl benzoate ; Isovaleraldehyde ; acetaldehyde; ethanal ; Acetyl Propionyl ; 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 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)	TIRAMISU CC-16458 10% in DPG ; benzyl benzoate ; Isovaleraldehyde	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.	Isovaleraldehyde ; ethanol; ethyl alcohol ; acetaldehyde; ethanal ; Acetyl Propionyl ; 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)

###### 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)

###### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

###### 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 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)

Name	CN designation	CAS-No.	CN code	Category, Subcategory	Threshold	Annex
Piperonal		120-57-0	2932 93 00	Category 1		Annex I

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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 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject to 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 : Ethyl alcohol, Acetaldehyde 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 : 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

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

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

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Full text of H- and EUH-statements:	
EUH208	Contains COUMARIN, 1,2-Cyclopentanedione, 3-methyl-, Heliotropine. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 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.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
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 Sens. 1	Skin sensitisation, Category 1
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

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.