

Roasted Coffee Beans CC-16451 10%

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 : Roasted Coffee Beans CC-16451 10%
Product code : CC-16451_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, 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 3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-. May produce an allergic reaction.
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

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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	5.8360547 – 7.9232188	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	0.0175 – 0.035	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
Acetyl Propionyl substance with national workplace exposure limit(s) (DE, SI, CH)	CAS-No.: 600-14-6 EC-No.: 209-984-8	0.003042 – 0.012168	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	0.00009 – 0.003816	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	0.0001845 – 0.000738	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	0.0001485 – 0.000594	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	0.0001125 – 0.00045	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Chronic 2, H411
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	0.000045 – 0.00018	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

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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.

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.
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6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

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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

acetaldehyde; ethanal (75-07-0)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	90 mg/m ³
MAK (OEL TWA) [ppm]	50 ppm
MAK (OEL STEL)	90 mg/m ³
MAK (OEL STEL) [ppm]	50 ppm
OEL C	90 mg/m ³
OEL C	50 ppm
OEL chemical category	Group B Carcinogen
Belgium - Occupational Exposure Limits	
OEL TWA	25 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA	30 mg/m ³
OEL STEL	200 mg/m ³
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	37 mg/m ³
GVI (OEL TWA) [2]	20 ppm
KGVI (OEL STEL)	92 mg/m ³
KGVI (OEL STEL) [ppm]	50 ppm
Czech Republic - Occupational Exposure Limits	
PEL (OEL TWA)	50 mg/m ³
Denmark - Occupational Exposure Limits	
OEL C	45 mg/m ³
OEL C	25 ppm

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acetaldehyde; ethanal (75-07-0)	
Estonia - Occupational Exposure Limits	
OEL TWA	45 mg/m ³
OEL TWA	25 ppm
OEL STEL	90 mg/m ³
OEL STEL	50 ppm
OEL chemical category	Carcinogenic substance
Finland - Occupational Exposure Limits	
HTP (OEL STEL)	46 mg/m ³
HTP (OEL STEL) [ppm]	25 ppm
France - Occupational Exposure Limits	
VME (OEL TWA)	180 mg/m ³
VME (OEL TWA) [ppm]	100 ppm
OEL chemical category	Carcinogen category 1B, Mutagen category 2
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	91 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
AGW (OEL TWA) [2]	50 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Greece - Occupational Exposure Limits	
OEL TWA	180 mg/m ³
OEL TWA	100 ppm
OEL STEL	270 mg/m ³
OEL STEL	150 ppm
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	45 mg/m ³
CK (OEL STEL)	45 mg/m ³
Ireland - Occupational Exposure Limits	
OEL STEL	45 mg/m ³
OEL STEL	25 ppm
Latvia - Occupational Exposure Limits	
OEL TWA	5 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	45 mg/m ³
IPRV (OEL TWA) [ppm]	25 ppm
TPRV (OEL STEL)	90 mg/m ³
TPRV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Carcinogen
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	37 mg/m ³
TGG-8u (OEL TWA) [ppm]	20 ppm

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acetaldehyde; ethanal (75-07-0)	
TGG-15min (OEL STEL)	92 mg/m ³
TGG-15min (OEL STEL) [ppm]	50 ppm
Poland - Occupational Exposure Limits	
NDSP (OEL C)	45 mg/m ³
Portugal - Occupational Exposure Limits	
OEL C	25 ppm
OEL chemical category	A2 - Suspected Human Carcinogen
Romania - Occupational Exposure Limits	
OEL TWA	90 mg/m ³
OEL TWA	50 ppm
OEL STEL	180 mg/m ³
OEL STEL	100 ppm
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	91 mg/m ³
NPHV (OEL TWA) [2]	50 ppm
Slovenia - Occupational Exposure Limits	
OEL TWA	91 mg/m ³
OEL TWA	50 ppm
OEL STEL	91 mg/m ³
OEL STEL	50 ppm
OEL chemical category	Category 2
Spain - Occupational Exposure Limits	
VLA-EC (OEL STEL)	46 mg/m ³
VLA-EC (OEL STEL) [ppm]	25 ppm
OEL chemical category	C1B
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	45 mg/m ³
NGV (OEL TWA) [ppm]	25 ppm
KTV (OEL STEL)	90 mg/m ³
KTV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Carcinogen
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	37 mg/m ³
WEL TWA (OEL TWA) [2]	20 ppm
WEL STEL (OEL STEL)	92 mg/m ³
WEL STEL (OEL STEL) [ppm]	50 ppm
WEL chemical category	Capable of causing cancer and/or heritable genetic damage
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	45 mg/m ³

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acetaldehyde; ethanal (75-07-0)	
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	67.5 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
OEL chemical category	Carcinogen
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	90 mg/m ³
MAK (OEL TWA) [2]	50 ppm
KZGW (OEL STEL)	90 mg/m ³
KZGW (OEL STEL) [ppm]	50 ppm
OEL chemical category	Category C2 carcinogen
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL C [ppm]	25 ppm
ACGIH chemical category	Suspected Human Carcinogen
ethanol; ethyl alcohol (64-17-5)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	1900 mg/m ³
MAK (OEL TWA) [ppm]	1000 ppm
MAK (OEL STEL)	3800 mg/m ³
MAK (OEL STEL) [ppm]	2000 ppm
Belgium - Occupational Exposure Limits	
OEL TWA	1907 mg/m ³
OEL TWA	1000 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA	1000 mg/m ³
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	1900 mg/m ³
GVI (OEL TWA) [2]	1000 ppm
Czech Republic - Occupational Exposure Limits	
PEL (OEL TWA)	1000 mg/m ³
Denmark - Occupational Exposure Limits	
OEL TWA [1]	1900 mg/m ³
OEL TWA [2]	1000 ppm
OEL STEL	3800 mg/m ³
OEL STEL	2000 ppm
Estonia - Occupational Exposure Limits	
OEL TWA	1000 mg/m ³
OEL TWA	500 ppm
OEL STEL	1900 mg/m ³
OEL STEL	1000 ppm

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ethanol; ethyl alcohol (64-17-5)	
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	1900 mg/m ³
HTP (OEL TWA) [2]	1000 ppm
HTP (OEL STEL)	2500 mg/m ³
HTP (OEL STEL) [ppm]	1300 ppm
France - Occupational Exposure Limits	
VME (OEL TWA)	1900 mg/m ³
VME (OEL TWA) [ppm]	1000 ppm
VLE (OEL C/STEL)	9500 mg/m ³
VLE (OEL C/STEL) [ppm]	5000 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	380 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
AGW (OEL TWA) [2]	200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Greece - Occupational Exposure Limits	
OEL TWA	1900 mg/m ³
OEL TWA	1000 ppm
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	1900 mg/m ³
CK (OEL STEL)	3800 mg/m ³
Ireland - Occupational Exposure Limits	
OEL STEL	1000 ppm
Latvia - Occupational Exposure Limits	
OEL TWA	1000 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	1000 mg/m ³
IPRV (OEL TWA) [ppm]	500 ppm
TPRV (OEL STEL)	1900 mg/m ³
TPRV (OEL STEL) [ppm]	1000 ppm
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	260 mg/m ³
TGG-8u (OEL TWA) [ppm]	137 ppm
TGG-15min (OEL STEL)	1900 mg/m ³
TGG-15min (OEL STEL) [ppm]	1000 ppm
MAC chemical category	Skin notation
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	1900 mg/m ³
Portugal - Occupational Exposure Limits	
OEL STEL	1000 ppm

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ethanol; ethyl alcohol (64-17-5)	
OEL chemical category	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
Romania - Occupational Exposure Limits	
OEL TWA	1900 mg/m ³
OEL TWA	1000 ppm
OEL STEL	9500 mg/m ³
OEL STEL	5000 ppm
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	960 mg/m ³
NPHV (OEL TWA) [2]	500 ppm
NPHV (OEL C)	1920 mg/m ³
Slovenia - Occupational Exposure Limits	
OEL TWA	960 mg/m ³
OEL TWA	500 ppm
OEL STEL	1920 mg/m ³
OEL STEL	1000 ppm
Spain - Occupational Exposure Limits	
VLA-EC (OEL STEL)	1910 mg/m ³
VLA-EC (OEL STEL) [ppm]	1000 ppm
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	1000 mg/m ³
NGV (OEL TWA) [ppm]	500 ppm
KTV (OEL STEL)	1900 mg/m ³
KTV (OEL STEL) [ppm]	1000 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	1920 mg/m ³
WEL TWA (OEL TWA) [2]	1000 ppm
WEL STEL (OEL STEL)	5760 mg/m ³ (calculated)
WEL STEL (OEL STEL) [ppm]	3000 ppm (calculated)
Norway - Occupational Exposure Limits	
Grønseverdi (OEL TWA) [1]	950 mg/m ³
Grønseverdi (OEL TWA) [2]	500 ppm
Korttidsverdi (OEL STEL)	1187.5 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	625 ppm (value calculated)
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	960 mg/m ³
MAK (OEL TWA) [2]	500 ppm
KZGW (OEL STEL)	1920 mg/m ³
KZGW (OEL STEL) [ppm]	1000 ppm

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ethanol; ethyl alcohol (64-17-5)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL STEL [ppm]	1000 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Acetyl Propionyl (600-14-6)	
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	0.083 mg/m ³
AGW (OEL TWA) [2]	0.02 ppm
Chemical category	Skin notation, Skin sensitization
Slovenia - Occupational Exposure Limits	
OEL TWA	0.083 mg/m ³
OEL TWA	0.02 ppm
OEL STEL	0.083 mg/m ³
OEL STEL	0.02 ppm
OEL chemical category	Potential for cutaneous absorption
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	0.08 mg/m ³
MAK (OEL TWA) [2]	0.02 ppm
KZGW (OEL STEL)	0.16 mg/m ³
KZGW (OEL STEL) [ppm]	0.04 ppm
OEL chemical category	Sensitizer, Skin notation
Isovaleraldehyde (590-86-3)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	39 mg/m ³
MAK (OEL TWA) [ppm]	10 ppm
MAK (OEL STEL)	39 mg/m ³
MAK (OEL STEL) [ppm]	10 ppm
OEL C	39 mg/m ³
OEL C	10 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	39 mg/m ³
AGW (OEL TWA) [2]	10 ppm
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	10 mg/m ³
Slovenia - Occupational Exposure Limits	
OEL TWA	39 mg/m ³
OEL TWA	10 ppm
OEL STEL	39 mg/m ³
OEL STEL	10 ppm

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pyridine (110-86-1)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	15 mg/m ³ (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)
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	15 mg/m ³
MAK (OEL TWA) [ppm]	5 ppm
MAK (OEL STEL)	60 mg/m ³
MAK (OEL STEL) [ppm]	20 ppm
OEL chemical category	Skin notation
Belgium - Occupational Exposure Limits	
OEL TWA	3.3 mg/m ³
OEL TWA	1 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	15 mg/m ³
GVI (OEL TWA) [2]	5 ppm
Cyprus - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
OEL TWA	5 ppm
Czech Republic - Occupational Exposure Limits	
PEL (OEL TWA)	5 mg/m ³
OEL chemical category	Potential for cutaneous absorption
Denmark - Occupational Exposure Limits	
OEL TWA [1]	15 mg/m ³
OEL TWA [2]	5 ppm
OEL STEL	30 mg/m ³
OEL STEL	10 ppm
Estonia - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
OEL TWA	5 ppm
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	3 mg/m ³
HTP (OEL TWA) [2]	1 ppm
HTP (OEL STEL)	16 mg/m ³
HTP (OEL STEL) [ppm]	5 ppm
OEL chemical category	Potential for cutaneous absorption
France - Occupational Exposure Limits	
VME (OEL TWA)	15 mg/m ³

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pyridine (110-86-1)	
VME (OEL TWA) [ppm]	5 ppm
VLE (OEL C/STEL)	30 mg/m ³
VLE (OEL C/STEL) [ppm]	10 ppm
Gibraltar - Occupational Exposure Limits	
OEL TWA	15 mg/m ³ (existing scientific data on health effects appear to be particularly limited)
OEL TWA	5 ppm (existing scientific data on health effects appear to be particularly limited)
Greece - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
OEL TWA	5 ppm
OEL STEL	30 mg/m ³
OEL STEL	10 ppm
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	15 mg/m ³
CK (OEL STEL)	30 mg/m ³
OEL chemical category	Sensitizer, Potential for cutaneous absorption
Ireland - Occupational Exposure Limits	
OEL TWA [1]	15 mg/m ³
OEL TWA [2]	5 ppm
OEL STEL	30 mg/m ³
OEL STEL	10 ppm (total resin acid-airborne)
Latvia - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
OEL TWA	5 ppm
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	15 mg/m ³
IPRV (OEL TWA) [ppm]	5 ppm
Luxembourg - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
OEL TWA	5 ppm
Malta - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
OEL TWA	5 ppm
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	0.9 mg/m ³
TGG-8u (OEL TWA) [ppm]	0.3 ppm
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	5 mg/m ³
Portugal - Occupational Exposure Limits	
OEL TWA	15 mg/m ³ (indicative limit value)

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pyridine (110-86-1)	
OEL TWA	5 ppm (indicative limit value)
OEL chemical category	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
Romania - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
OEL TWA	5 ppm
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	15 mg/m ³
NPHV (OEL TWA) [2]	5 ppm
Slovenia - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
OEL TWA	5 ppm
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	3 mg/m ³
VLA-ED (OEL TWA) [2]	1 ppm
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	7 mg/m ³
NGV (OEL TWA) [ppm]	2 ppm
KTV (OEL STEL)	10 mg/m ³
KTV (OEL STEL) [ppm]	3 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	16 mg/m ³
WEL TWA (OEL TWA) [2]	5 ppm
WEL STEL (OEL STEL)	33 mg/m ³
WEL STEL (OEL STEL) [ppm]	10 ppm
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	15 mg/m ³
Grenseverdi (OEL TWA) [2]	5 ppm
Korttidsverdi (OEL STEL)	22.5 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	10 ppm (value calculated)
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	15 mg/m ³
MAK (OEL TWA) [2]	5 ppm
KZGW (OEL STEL)	30 mg/m ³
KZGW (OEL STEL) [ppm]	10 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	1 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans

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2,6-xylenol (576-26-1)	
Latvia - Occupational Exposure Limits	
OEL TWA	2 mg/m ³
Romania - Occupational Exposure Limits	
OEL TWA	15 mg/m ³
OEL STEL	20 mg/m ³
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
Benzothiazole (95-16-9)	
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	20 mg/m ³

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



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

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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

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.

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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

benzyl benzoate (120-51-4)	
LD50 oral rat	500 mg/kg (Source: NLM_CIP)
LD50 oral	1160 mg/kg bodyweight
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)

acetaldehyde; ethanal (75-07-0)	
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

ethanol; ethyl alcohol (64-17-5)	
LD50 oral rat	7060 mg/kg (Source: NLM_CIP)
LC50 Inhalation - Rat	133.8 mg/l/4h

Acetyl Propionyl (600-14-6)	
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

Isovaleraldehyde (590-86-3)	
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

pyridine (110-86-1)	
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

2,6-xylenol (576-26-1)	
LD50 oral rat	296 mg/kg (Source: JAPAN_GHS)
LD50 oral	296 mg/kg bodyweight
LD50 dermal rabbit	1 g/kg (Source: NLM_CIP)

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2,6-xylenol (576-26-1)	
LD50 dermal	960 mg/kg bodyweight
Benzothiazole (95-16-9)	
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
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
pyridine (110-86-1)	
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
pyridine (110-86-1)	
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
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
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
acetaldehyde; ethanal (75-07-0)	
STOT-single exposure	May cause respiratory irritation.
Isovaleraldehyde (590-86-3)	
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 ² /s
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met

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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

acetaldehyde; ethanal (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)

ethanol; 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])

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)
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])

Benzothiazole (95-16-9)	
LC50 - Fish [1]	58.8 – 69.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)

12.2. Persistence and degradability

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Persistence and degradability	Not established.

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benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

Roasted Coffee Beans CC-16451 10%	
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.

acetaldehyde; ethanal (75-07-0)	
Partition coefficient n-octanol/water (Log Pow)	0.45 – 0.63 (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)

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

Benzothiazole (95-16-9)	
BCF - Fish [1]	2.1 – 7.5
Partition coefficient n-octanol/water (Log Pow)	2.01

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

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HP Code : 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
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
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. Transport in bulk according to Annex II of Marpol and the IBC Code

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)	acetaldehyde; ethanal ; ethanol; 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)	benzyl benzoate ; acetaldehyde; ethanal ; Acetyl Propionyl ; Isovaleraldehyde ; pyridine ; Benzothiazole	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)	Roasted Coffee Beans CC-16451 10% ; 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.	acetaldehyde; ethanal ; ethanol; 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)

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 2, Significantly 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.

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 : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Switzerland

Storage class (LK) : LK 10/12 - Liquids

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:

Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
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Full text of H- and EUH-statements:	
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
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
EUH208	Contains 3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-. 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.
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.
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. 1B	Skin sensitisation, category 1B

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Full text of H- and EUH-statements:

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.