

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

1.1. Product identifier

Product form	: Mixture
Product name	: Buffalo Bacon
UFI	: FP1C-12HU-W00H-KV7Q
Product code	: CC-16226
Type of product	: Perfumes, Fragrances
Product group	: Finished Good

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
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

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Acute toxicity (oral) Category 4	H302
Hazardous to the aquatic environment - Chronic Hazard Category 2	H411
Full text of H statements : see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) :

Warning

Contains :

Benzyl benzoate

Hazard statements (CLP) :

H302 - Harmful if swallowed.

H411 - Toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP)	: P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. P330 - Rinse mouth. P391 - Collect spillage.
EUH phrases	: EUH208 - Contains Acetyl Propionyl, Coriander oil, Lemon oil . May produce an allergic reaction.

2.3. Other hazards

No additional information available

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	72.1 – 92.15	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Veltol plus crystals	(CAS-No.) 4940-11-8 (EC-No.) 225-582-5	0.8 – 1.6	Acute Tox. 4 (Oral), H302
acetyl propionyl	(CAS-No.) 600-14-6 (EC-No.) 209-984-8	0.2 – 0.4	Flam. Liq. 2, H225 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT RE 2, H373
Furfural	(CAS-No.) 98-01-1 (EC-No.) 202-627-7 (EC Index-No.) 605-010-00-4	0.2 – 0.4	Flam. Liq. 3, H226 Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H335 Aquatic Chronic 3, H412
Lemon oil	(CAS-No.) 8008-56-8 (EC-No.) 284-515-8;616-925-3	0.075 – 0.15	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Acetic acid substance with a Community workplace exposure limit	(CAS-No.) 64-19-7 (EC-No.) 200-580-7 (EC Index-No.) 607-002-00-6	0.05 – 0.1	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314
Bay oil (Pimenta racemosa)	(CAS-No.) 8006-78-8 (EC-No.) 285-385-5, 294-376-5	0.05 – 0.1	Eye Irrit. 2, H319 Muta. 2, H341 Carc. 2, H351
Coriander oil (Coriandrum sativum L.)	(CAS-No.) 8008-52-4 (EC-No.) 283-880-0;616-923-2	0.05 – 0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Acetic acid	(CAS-No.) 64-19-7 (EC-No.) 200-580-7 (EC Index-No.) 607-002-00-6	(10 ≤C < 25) Eye Irrit. 2, H319 (10 ≤C < 25) Skin Irrit. 2, H315 (25 ≤C < 90) Skin Corr. 1B, H314 (90 ≤C < 100) Skin Corr. 1A, H314

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

No additional information available

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

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

No additional information available

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No additional information available

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7.2. Conditions for safe storage, including any incompatibilities

No additional information available

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Acetic acid (64-19-7)	
EU - Occupational Exposure Limits	
IOELV TWA (mg/m ³)	25 mg/m ³
IOELV TWA (ppm)	10 ppm
IOELV STEL (mg/m ³)	50 mg/m ³
IOELV STEL (ppm)	20 ppm
Austria - Occupational Exposure Limits	
MAK Daily average value (mg/m ³)	25 mg/m ³
MAK Daily average value (ppm)	10 ppm
MAK Short time value [mg/m ³]	50 mg/m ³
MAK Short time value [ppm]	20 ppm
Belgium - Occupational Exposure Limits	
Limit value [mg/m ³]	25 mg/m ³
Limit value [ppm]	10 ppm
Short time value [mg/m ³]	38 mg/m ³
Short time value [ppm]	15 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³
OEL TWA (ppm)	10 ppm
OEL STEL (mg/m ³)	50 mg/m ³
OEL STEL (ppm)	20 ppm
Croatia - Occupational Exposure Limits	
GVI (granična vrijednost izloženosti) (mg/m ³)	25 mg/m ³
GVI (granična vrijednost izloženosti) (ppm)	10 ppm
KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	50 mg/m ³
KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	20 ppm
Cyprus - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³
OEL TWA (ppm)	10 ppm
OEL STEL (mg/m ³)	50 mg/m ³
OEL STEL (ppm)	20 ppm

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Acetic acid (64-19-7)	
Czech Republic - Occupational Exposure Limits	
Exposure limits (PEL) (mg/m ³)	25 mg/m ³
Denmark - Occupational Exposure Limits	
Grænseværdi (8 timer) (mg/m ³)	25 mg/m ³
Grænseværdi (8 timer) (ppm)	10 ppm
Estonia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³
OEL TWA (ppm)	10 ppm
OEL STEL (mg/m ³)	25 mg/m ³
OEL STEL (ppm)	10 ppm
Finland - Occupational Exposure Limits	
HTP-arvo (8h) (mg/m ³)	13 mg/m ³
HTP-arvo (8h) (ppm)	5 ppm
HTP-arvo (15 min)	25 mg/m ³
HTP-arvo (15 min) (ppm)	10 ppm
France - Occupational Exposure Limits	
VLE [mg/m ³]	25 mg/m ³
VLE [ppm]	10 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m ³)	25 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Occupational exposure limit value (ppm)	10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Gibraltar - Occupational Exposure Limits	
Eight hours mg/m ³	25 mg/m ³
Eight hours ppm	10 ppm
Short-term mg/m ³	50 mg/m ³
Short-term ppm	20 ppm
Greece - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³
OEL TWA (ppm)	10 ppm
OEL STEL (mg/m ³)	37 mg/m ³
OEL STEL (ppm)	15 ppm
Hungary - Occupational Exposure Limits	
Exposure Limit Value	25 mg/m ³
CK-érték	50 mg/m ³
Ireland - Occupational Exposure Limits	
OEL (8 hours ref) (mg/m ³)	25 mg/m ³
OEL (8 hours ref) (ppm)	10 ppm
OEL (15 min ref) (mg/m ³)	50 mg/m ³
OEL (15 min ref) (ppm)	20 ppm

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Acetic acid (64-19-7)	
Latvia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³
OEL TWA (ppm)	10 ppm
Lithuania - Occupational Exposure Limits	
IPRV (mg/m ³)	25 mg/m ³
IPRV (ppm)	10 ppm
TPRV (mg/m ³)	50 mg/m ³
TPRV (ppm)	20 ppm
Luxembourg - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³
OEL TWA (ppm)	10 ppm
OEL STEL (mg/m ³)	50 mg/m ³
OEL STEL (ppm)	20 ppm
Malta - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³
OEL TWA (ppm)	10 ppm
OEL STEL (mg/m ³)	50 mg/m ³
OEL STEL (ppm)	20 ppm
Netherlands - Occupational Exposure Limits	
Grenswaarde TGG 8H (mg/m ³)	25 mg/m ³
Grenswaarde TGG 15MIN (mg/m ³)	50 mg/m ³
Poland - Occupational Exposure Limits	
NDS (mg/m ³)	25 mg/m ³
NDSch (mg/m ³)	50 mg/m ³
Portugal - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³ (indicative limit value)
OEL TWA (ppm)	10 ppm (indicative limit value)
OEL STEL (mg/m ³)	50 mg/m ³ (indicative limit value)
OEL STEL (ppm)	20 ppm (indicative limit value)
Romania - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³ (for gaseous or vapor phase chemicals, the limit value is expressed at 20°C and 101.3 kPa)
OEL TWA (ppm)	10 ppm
OEL STEL (mg/m ³)	50 mg/m ³ (for gaseous or vapor phase chemicals, the limit value is expressed at 20°C and 101.3 kPa)
OEL STEL (ppm)	20 ppm
Slovakia - Occupational Exposure Limits	
NPHV (priemerná) (mg/m ³)	25 mg/m ³
NPHV (priemerná) (ppm)	10 ppm
NPHV (Hraničná) (mg/m ³)	50 mg/m ³

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Acetic acid (64-19-7)	
Slovenia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³
OEL TWA (ppm)	10 ppm
OEL STEL (mg/m ³)	50 mg/m ³
OEL STEL (ppm)	20 ppm
Spain - Occupational Exposure Limits	
VLA-ED (mg/m ³)	25 mg/m ³
VLA-ED (ppm)	10 ppm
VLA-EC (mg/m ³)	50 mg/m ³
VLA-EC (ppm)	20 ppm
Sweden - Occupational Exposure Limits	
nivågränsvärde (NVG) (mg/m ³)	13 mg/m ³
nivågränsvärde (NVG) (ppm)	5 ppm
kortidsvärde (KTV) (mg/m ³)	25 mg/m ³
kortidsvärde (KTV) (ppm)	10 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	25 mg/m ³
WEL TWA (ppm)	10 ppm
WEL STEL (mg/m ³)	50 mg/m ³
WEL STEL (OEL STEL) [ppm]	20 ppm
Norway - Occupational Exposure Limits	
TWA (AN) (mg/m ³)	25 mg/m ³
TWA (AN) (ppm)	10 ppm
TWA (Korttidsverdi) (mg/m ³)	37.5 mg/m ³ (value calculated)
TWA (Korttidsverdi) (ppm)	15 ppm (value calculated)
OEL chemical category (NO)	Sensitizing substance
Switzerland - Occupational Exposure Limits	
MAK (mg/m ³)	25 mg/m ³
MAK (ppm)	10 ppm
KZGW (mg/m ³)	50 mg/m ³
KZGW (ppm)	20 ppm
Turkey - Occupational Exposure Limits	
OEL TWA (mg/m ³)	25 mg/m ³
OEL TWA (ppm)	10 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	10 ppm
ACGIH STEL (ppm)	15 ppm
acetyl propionyl (600-14-6)	
Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m ³)	0.083 mg/m ³

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acetyl propionyl (600-14-6)	
Occupational exposure limit value (ppm)	0.02 ppm
Chemical category	skin notation, Skin sensitization
Slovenia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	0.083 mg/m ³
OEL TWA (ppm)	0.02 ppm
OEL STEL (mg/m ³)	0.083 mg/m ³
OEL STEL (ppm)	0.02 ppm
OEL chemical category (SI)	Potential for cutaneous absorption
Switzerland - Occupational Exposure Limits	
MAK (mg/m ³)	0.08 mg/m ³
MAK (ppm)	0.02 ppm
KZGW (mg/m ³)	0.16 mg/m ³
KZGW (ppm)	0.04 ppm
OEL chemical category (CH)	Sensitizer, skin notation
Furfural (98-01-1)	
Austria - Occupational Exposure Limits	
MAK Daily average value (mg/m ³)	20 mg/m ³
MAK Daily average value (ppm)	5 ppm
OEL chemical category (AT)	Group B Carcinogen, skin notation
Belgium - Occupational Exposure Limits	
Limit value [mg/m ³]	8 mg/m ³
Limit value [ppm]	2 ppm
OEL chemical category (BE)	Skin
Bulgaria - Occupational Exposure Limits	
OEL TWA (mg/m ³)	10 mg/m ³
Croatia - Occupational Exposure Limits	
GVI (granična vrijednost izloženosti) (mg/m ³)	8 mg/m ³
GVI (granična vrijednost izloženosti) (ppm)	2 ppm
KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	20 mg/m ³
KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	5 ppm
OEL chemical category (HR)	skin notation
Czech Republic - Occupational Exposure Limits	
Exposure limits (PEL) (mg/m ³)	10 mg/m ³
OEL chemical category (CZ)	Potential for cutaneous absorption
Denmark - Occupational Exposure Limits	
Grænseværdi (8 timer) (mg/m ³)	7.9 mg/m ³
Grænseværdi (8 timer) (ppm)	2 ppm
OEL chemical category (DK)	Potential for cutaneous absorption

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Furfural (98-01-1)	
Estonia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	8 mg/m ³
OEL TWA (ppm)	2 ppm
OEL STEL (mg/m ³)	20 mg/m ³
OEL STEL (ppm)	5 ppm
OEL chemical category (ET)	skin notation
Finland - Occupational Exposure Limits	
HTP-arvo (8h) (mg/m ³)	8 mg/m ³
HTP-arvo (8h) (ppm)	2 ppm
HTP-arvo (15 min)	20 mg/m ³
HTP-arvo (15 min) (ppm)	5 ppm
OEL chemical category (FI)	Potential for cutaneous absorption
France - Occupational Exposure Limits	
VLE [mg/m ³]	8 mg/m ³
VLE [ppm]	2 ppm
OEL chemical category (FR)	Carcinogen category 2
France - Biological limit values	
France - BLV	200 mg/g Kreatinin Parameter: Total furoic acid - Medium: urine - Sampling time: end of shift (Background noise on non-exposed subjects)
Greece - Occupational Exposure Limits	
OEL TWA (mg/m ³)	20 mg/m ³
OEL TWA (ppm)	5 ppm
OEL STEL (mg/m ³)	40 mg/m ³
OEL STEL (ppm)	10 ppm
OEL chemical category (GR)	skin - potential for cutaneous absorption
Hungary - Occupational Exposure Limits	
Exposure Limit Value	20 mg/m ³
OEL chemical category (HU)	Sensitizer, Potential for cutaneous absorption
Ireland - Occupational Exposure Limits	
OEL (8 hours ref) (mg/m ³)	8 mg/m ³
OEL (8 hours ref) (ppm)	2 ppm
OEL (15 min ref) (mg/m ³)	20 mg/m ³
OEL (15 min ref) (ppm)	5 ppm
OEL chemical category (IE)	Potential for cutaneous absorption
Latvia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	10 mg/m ³
Lithuania - Occupational Exposure Limits	
IPRV (mg/m ³)	8 mg/m ³
IPRV (ppm)	2 ppm
TPRV (mg/m ³)	20 mg/m ³
TPRV (ppm)	5 ppm

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Furfural (98-01-1)	
OEL chemical category (LT)	Carcinogen, skin notation
Poland - Occupational Exposure Limits	
NDS (mg/m ³)	10 mg/m ³
NDSCh (mg/m ³)	25 mg/m ³
Portugal - Occupational Exposure Limits	
OEL TWA (ppm)	2 ppm
OEL chemical category (PT)	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, skin - potential for cutaneous exposure
Romania - Occupational Exposure Limits	
OEL TWA (mg/m ³)	10 mg/m ³
OEL TWA (ppm)	2.5 ppm
OEL STEL (mg/m ³)	15 mg/m ³
OEL STEL (ppm)	4 ppm
OEL chemical category (RO)	C2
Slovakia - Occupational Exposure Limits	
NPHV (priemerná) (mg/m ³)	7.9 mg/m ³
NPHV (priemerná) (ppm)	2 ppm
OEL chemical category (SK)	Potential for cutaneous absorption
Spain - Occupational Exposure Limits	
VLA-ED (mg/m ³)	8 mg/m ³
VLA-ED (ppm)	2 ppm
OEL chemical category (ES)	skin - potential for cutaneous absorption
Spain - Biological limit values	
Spain - BLV	200 mg/l Parameter: Furoic acid - Medium: urine - Sampling time: end of shift (with hydrolysis)
Sweden - Occupational Exposure Limits	
nivågränsvärde (NVG) (mg/m ³)	8 mg/m ³
nivågränsvärde (NVG) (ppm)	2 ppm
kortidsvärde (KTV) (mg/m ³)	20 mg/m ³
kortidsvärde (KTV) (ppm)	5 ppm
OEL chemical category (SE)	skin notation
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	8 mg/m ³
WEL TWA (ppm)	2 ppm
WEL STEL (mg/m ³)	20 mg/m ³
WEL STEL (OEL STEL) [ppm]	5 ppm
WEL chemical category	Potential for cutaneous absorption
Norway - Occupational Exposure Limits	
TWA (AN) (mg/m ³)	8 mg/m ³
TWA (AN) (ppm)	2 ppm
TWA (Korttidsverdi) (mg/m ³)	16 mg/m ³ (value calculated)

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Furfural (98-01-1)	
TWA (Korttidsverdi) (ppm)	4 ppm (value calculated)
OEL chemical category (NO)	skin notation
Switzerland - Occupational Exposure Limits	
MAK (mg/m ³)	8 mg/m ³
MAK (ppm)	2 ppm
OEL chemical category (CH)	skin notation
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	0.2 ppm
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA - ACGIH - Biological Exposure Indices	
Biological Exposure Indices (BEI)	200 mg/l Parameter: Furoic acid with hydrolysis - Medium: urine - Sampling time: end of shift (nonspecific)

8.2. Exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: light yellow. amber.
Odor	: characteristic.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 88 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1.17
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
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

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10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

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ATE CLP (oral)	527.172 mg/kg body weight
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Acetic acid (64-19-7)

LD50 oral rat	3310 mg/kg
LD50 oral	3540 mg/kg body weight
LD50 dermal rabbit	1060 mg/kg
LD50 dermal	1100 mg/kg body weight
LC50 Inhalation - Rat	11.4 mg/l/4h

acetyl propionyl (600-14-6)

LD50 oral rat	3 g/kg
LD50 oral	3000 mg/kg body weight
LD50 dermal	2500 mg/kg body weight

Benzyl benzoate (120-51-4)

LD50 oral rat	500 mg/kg
LD50 oral	1500 mg/kg body weight
LD50 dermal rabbit	4000 mg/kg
LD50 dermal	4000 mg/kg body weight

Coriander oil (Coriandrum sativum L.) (8008-52-4)

LD50 oral rat	4130 mg/kg
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Furfural (98-01-1)	
LD50 oral rat	125 mg/kg
LD50 oral	100 mg/kg body weight
LD50 dermal rabbit	500 – 1000 mg/kg
LD50 dermal	1100 mg/kg body weight
LC50 Inhalation - Rat	756 mg/m ³ (Exposure time: 1 h)
LC50 Inhalation - Rat (Vapours)	1 mg/l/4h

Veltol plus crystals (4940-11-8)	
LD50 oral rat	1150 mg/kg
LD50 oral	1200 mg/kg body weight

Bay oil (Pimenta racemosa) (8006-78-8)	
LD50 oral rat	1800 mg/kg
LD50 oral	1800 mg/kg body weight

Lemon oil (8008-56-8)	
LD50 oral rat	2840 mg/kg

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Furfural (98-01-1)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

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) : Toxic to aquatic life with long lasting effects.

Acetic acid (64-19-7)	
LC50 fish 1	79 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
LC50 fish 2	75 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	65 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

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Benzyl benzoate (120-51-4)	
LC50 fish 1	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
NOEC (chronic)	0.168 mg/l

Furfural (98-01-1)	
LC50 fish 1	13.4 – 19.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
LC50 fish 2	16.79 – 26.35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

Veltol plus crystals (4940-11-8)	
LC50 fish 1	> 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

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

Acetic acid (64-19-7)	
Partition coefficient n-octanol/water (Log Pow)	-0.31 (at 20 °C)

Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	4
Bioaccumulative potential	Not established.

Furfural (98-01-1)	
Partition coefficient n-octanol/water (Log Pow)	0.67

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

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : UN 3082
UN-No. (IMDG) : UN 3082

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UN-No. (IATA) : UN 3082
UN-No. (ADN) : Not regulated
UN-No. (RID) : Not regulated

14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.
Proper Shipping Name (ADN) : Not regulated
Proper Shipping Name (RID) : Not regulated
Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III, (-)
Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III, MARINE POLLUTANT
Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Benzyl Benzoate), 9, III

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 9
Hazard labels (ADR) : 9



IMDG

Transport hazard class(es) (IMDG) : 9
Hazard labels (IMDG) : 9



IATA

Transport hazard class(es) (IATA) : 9
Hazard labels (IATA) : 9



ADN

Transport hazard class(es) (ADN) : Not regulated

RID

Transport hazard class(es) (RID) : Not regulated

14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III
Packing group (ADN) : Not regulated
Packing group (RID) : Not regulated

14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available

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14.6. Special precautions for user

Overland transport

Classification code (ADR)	: M6
Special provision (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code (ADR)	: -
EAC	: *3Z

Transport by sea

Special provision (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provision (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

Inland waterway transport

Not regulated

Rail transport

Not regulated

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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:	
Reference code	Applicable
3(a)	Buffalo Bacon CC-16226 ; Acetic acid ; acetyl propionyl ; Lemon oil ; Furfural
3(b)	Buffalo Bacon CC-16226 ; Acetic acid ; acetyl propionyl ; Bay oil (Pimenta racemosa) ; Benzyl benzoate ; Coriander oil (Coriandrum sativum L.) ; Lemon oil ; Furfural
3(c)	Buffalo Bacon CC-16226 ; Benzyl benzoate ; Coriander oil (Coriandrum sativum L.) ; Lemon oil ; Furfural
40.	Buffalo Bacon CC-16226 ; Acetic acid ; acetyl propionyl ; Lemon oil ; Furfural

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK 2, significant 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

SZW-lijst van kankerverwekkende stoffen : Bay oil, Coriander oil, Lemon oil are listed

SZW-lijst van mutagene stoffen : Bay oil, Coriander oil, Lemon oil are listed

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen – Ontwikkeling

Denmark

Class for fire hazard : Class III-1

Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice; 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
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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

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Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Muta. 2	Germ cell mutagenicity Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, 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
H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Acetyl Propionyl, Coriander oil, Lemon oil . May produce an allergic reaction.

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SDS EU (REACH Annex II)

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.