Yummy Pumpkin Pie CC-13107 at 25% in DPG

Safety Data Sheet

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

CandleCraft

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

1.1. Product identifier

Product form Product name	: Mixture : Yummy Pumpkin Pie CC-13107 25%
Product code	: CC-13107_25%
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]

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

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No	o. 1272/2008 [CLP]
Hazard pictograms (CLP)	GHS07
Signal word (CLP)	: Warning
Contains	: Eugenol; Cinnamic aldehyde; Acetyl Propionyl; 1,2-Cyclopentanedione, 3-methyl-; Amyl cinnamic aldehyde; Heliotropine; COUMARIN
Hazard statements (CLP)	: H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P272 - Contaminated work clothing should not be allowed out of the workplace.

Safety Data Sheet

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

	P273 - Avoid release to the environment.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing
	protection.
	P302+P352 - IF ON SKIN: Wash with plenty of water.
	P321 - Specific treatment (see supplemental first aid instruction on this label).
Extra phrases	: For professional users only.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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	6.875 – 13.75	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Cinnamic aldehyde	CAS-No.: 104-55-2 EC-No.: 203-213-9 REACH-no: 01-2119935242- 45	2.126875 – 4.2575	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802- 33	0.790625 – 1.6	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Ethyl vanillin	CAS-No.: 121-32-4 EC-No.: 204-464-7 REACH-no: 01-211958961-24	0.625 – 1.25	Eye Irrit. 2, H319
COUMARIN	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756- 26	0.475 – 0.95	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Heliotropine	CAS-No.: 120-57-0 EC-No.: 204-409-7 REACH-no: 01-2119983608- 21	0.15625 – 0.3125	Skin Sens. 1B, H317
Amyl cinnamic aldehyde	CAS-No.: 122-40-7 EC-No.: 204-541-5	0.125 – 0.25	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
acetyl propionyl substance with national workplace exposure limit(s) (DE, SI, CH)	CAS-No.: 600-14-6 EC-No.: 209-984-8	0.0625 – 0.125	Flam. Liq. 2, H225 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT RE 2, H373

Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzaldehyde substance with national workplace exposure limit(s) (BG, FI, HU, LT, LV, PL)	CAS-No.: 100-52-7 EC-No.: 202-860-4 EC Index-No.: 605-012-00-5 REACH-no: 01-2119455540- 44	0.0625 – 0.125	Acute Tox. 4 (Oral), H302
1,2-Cyclopentanedione, 3-methyl-	CAS-No.: 765-70-8 EC-No.: 212-154-8	0.0625 – 0.125	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317
Benzyl alcohol substance with national workplace exposure limit(s) (BG, CZ, DE, FI, LT, LV, PL, SI, CH)	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630- 38	0.05 – 0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
.alphaPinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 80-56-8 EC-No.: 201-291-9	0.0025 – 0.01325	Flam. Liq. 3, H226
.betaPinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 127-91-3 EC-No.: 204-872-5	0.0025 – 0.01325	Flam. Liq. 3, H226
d-Limonene substance with national workplace exposure limit(s) (DE, ES, FI, SI, NO, CH)	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353- 35	0.00125 – 0.00575	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
p-Cymene substance with national workplace exposure limit(s) (DK, EE, LT, LV, SE)	CAS-No.: 99-87-6 EC-No.: 202-796-7 EC Index-No.: 601-094-00-1	0.00025 – 0.0025	Flam. Liq. 3, H226 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:dust,mist), H331 Repr. 2, H361 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effects	, both acute and delayed
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Indication of any immediate medical a	ttention and special treatment needed

No additional information available

Safety Data Sheet

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

according to Regulation (EC) No. 1907/2006 (REACH)	with its amendment Regulation (EU) 2020/878
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.
5.2. Special hazards arising from the su	Ibstance or mixture
No additional information available	
5.3. Advice for firefighters	
Firefighting instructions Protection during firefighting	 Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release mea	isures
6.1. Personal precautions, protective ec	uipment and emergency procedures
6.1.1. For non-emergency personnel Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders Protective equipment Emergency procedures	Equip cleanup crew with proper protection.Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Notif	y authorities if liquid enters sewers or public waters.
6.3. Methods and material for containme	ent 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, includi	ng 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. Strong bases. Strong acids. Sources of ignition. Direct suplicit.

Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

Safety Data Sheet

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

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

Safety Data Sheet

.alphaPinene (80-56-8)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer
d-Limonene (5989-27-5)	
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	140 mg/m³
HTP (OEL TWA) [2]	25 ppm
HTP (OEL STEL)	280 mg/m ³
HTP (OEL STEL) [ppm]	50 ppm
Germany - Occupational Exposure Limits (TRGS 9	00)
AGW (OEL TWA) [1]	28 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]	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Chemical category	Skin notation, Skin sensitization
Slovenia - Occupational Exposure Limits	
OEL TWA	28 mg/m³
OEL TWA [ppm]	5 ppm
OEL STEL	112 mg/m³
OEL STEL [ppm]	20 ppm
OEL chemical category	Potential for cutaneous absorption
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	168 mg/m³
VLA-ED (OEL TWA) [2]	30 ppm
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	140 mg/m³
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	175 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
OEL chemical category	Allergenic substance
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	40 mg/m³
MAK (OEL TWA) [2]	7 ppm
KZGW (OEL STEL)	80 mg/m³
KZGW (OEL STEL) [ppm]	14 ppm
OEL chemical category	Sensitizer
.betaPinene (127-91-3)	
Belgium - Occupational Exposure Limits	
OEL TWA [ppm]	20 ppm

Safety Data Sheet

.betaPinene (127-91-3)	
Estonia - Occupational Exposure Limits	
OEL TWA	150 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL TWA [ppm]	25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL	300 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL [ppm]	50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	150 mg/m ³
IPRV (OEL TWA) [ppm]	25 ppm
TPRV (OEL STEL)	300 mg/m ³
TPRV (OEL STEL) [ppm]	50 ppm
Portugal - Occupational Exposure Limits	
OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	113 mg/m ³
VLA-ED (OEL TWA) [2]	20 ppm
OEL chemical category	Sensitizer
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	150 mg/m³
NGV (OEL TWA) [ppm]	25 ppm
KTV (OEL STEL)	300 mg/m ³
KTV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Sensitizer
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	140 mg/m ³
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	175 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected monoterpenes)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer
p-Cymene (99-87-6)	
Denmark - Occupational Exposure Limits	
OEL TWA [1]	135 mg/m ³ (Methylisopropylbenzenes)
OEL TWA [2]	25 ppm (Methylisopropylbenzenes)
OEL STEL	270 mg/m ³ (Methylisopropylbenzenes)

Safety Data Sheet

p-Cymene (99-87-6)				
OEL STEL [ppm]	50 ppm (Methylisopropylbenzenes)			
Estonia - Occupational Exposure Limits				
OEL TWA	140 mg/m ³			
OEL TWA [ppm]	25 ppm			
OEL STEL	190 mg/m³			
OEL STEL [ppm]	35 ppm			
Latvia - Occupational Exposure Limits				
OEL TWA	10 mg/m ³ (Cymene (2, 3, 4-isomers mixture))			
Lithuania - Occupational Exposure Limits				
IPRV (OEL TWA)	140 mg/m ³			
IPRV (OEL TWA) [ppm]	25 ppm			
TPRV (OEL STEL)	190 mg/m ³			
TPRV (OEL STEL) [ppm]	35 ppm			
Sweden - Occupational Exposure Limits				
NGV (OEL TWA)	140 mg/m ³			
NGV (OEL TWA) [ppm]	25 ppm			
KTV (OEL STEL)	190 mg/m³			
KTV (OEL STEL) [ppm]	35 ppm			
Benzyl alcohol (100-51-6)				
Bulgaria - Occupational Exposure Limits				
OEL TWA	5 mg/m ³			
Czech Republic - Occupational Exposure Limits				
PEL (OEL TWA)	40 mg/m ³			
Finland - Occupational Exposure Limits				
HTP (OEL TWA) [1]	45 mg/m ³			
HTP (OEL TWA) [2]	10 ppm			
Germany - Occupational Exposure Limits (TRGS 90	0)			
AGW (OEL TWA) [1]	22 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]	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)			
Chemical category	Skin notation			
Latvia - Occupational Exposure Limits				
OEL TWA	5 mg/m³			
Lithuania - Occupational Exposure Limits	·			
IPRV (OEL TWA)	5 mg/m³			
OEL chemical category	Skin notation			
Poland - Occupational Exposure Limits				
NDS (OEL TWA)	240 mg/m ³			

Safety Data Sheet

Benzyl alcohol (100-51-6)				
Slovenia - Occupational Exposure Limits				
OEL TWA	22 mg/m³			
OEL TWA [ppm]	5 ppm			
OEL STEL	44 mg/m³			
OEL STEL [ppm]	10 ppm			
OEL chemical category	Potential for cutaneous absorption			
Switzerland - Occupational Exposure Limits				
MAK (OEL TWA) [1]	22 mg/m ³ (aerosol, vapour)			
MAK (OEL TWA) [2]	5 ppm (aerosol, vapour)			
OEL chemical category	Skin notation			
acetyl propionyl (600-14-6)				
Germany - Occupational Exposure Limits (TRGS 90	00)			
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 [ppm]	0.02 ppm			
OEL STEL	0.083 mg/m³			
OEL STEL [ppm]	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			
Benzaldehyde (100-52-7)				
Bulgaria - Occupational Exposure Limits				
OEL TWA	5 mg/m³			
Finland - Occupational Exposure Limits				
HTP (OEL TWA) [1]	4.4 mg/m ³			
HTP (OEL TWA) [2]	1 ppm			
HTP (OEL C)	17.4 mg/m ³			
HTP (OEL C) [ppm]]	4 ppm			
Hungary - Occupational Exposure Limits				
AK (OEL TWA)	5 mg/m³			
CK (OEL STEL)	10 mg/m ³			

Safety Data Sheet

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

Benzaldehyde (100-52-7)		
Latvia - Occupational Exposure Limits		
OEL TWA 5 mg/m ³		
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	10 mg/m ³	
NDSCh (OEL STEL)	40 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

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

Safety Data Sheet

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

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		
рН	: 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.
SECTION 11: Toxicological information
11.1 Information on toxicological effects

Safety Data Sheet

.alphaPinene (80-56-8)			
LD50 oral rat	3700 mg/kg		
LD50 oral	500 mg/kg bodyweight		
LD50 dermal rat	> 5000 mg/kg		
d-Limonene (5989-27-5)			
LD50 oral rat	4400 mg/kg		
LD50 dermal rabbit	> 5 g/kg		
.betaPinene (127-91-3)			
LD50 oral rat	> 5000 mg/kg		
LD50 dermal rabbit	> 5000 mg/kg		
p-Cymene (99-87-6)			
LD50 oral rat	4750 mg/kg		
LD50 oral	4750 mg/kg bodyweight		
LD50 dermal rabbit	> 5000 mg/kg		
LC50 Inhalation - Rat	> 9.7 mg/l (Exposure time: 5 h)		
LC50 Inhalation - Rat (Vapours)	9.7 mg/l/4h		
Eugenol (97-53-0)			
LD50 oral rat	1930 mg/kg		
LD50 oral	2500 mg/kg bodyweight		
Cinnamic aldehyde (104-55-2)			
LD50 oral rat	2220 mg/kg		
LD50 oral	2200 mg/kg bodyweight		
LD50 dermal rabbit	1260 mg/kg		
LD50 dermal	1100 mg/kg bodyweight		
Benzyl alcohol (100-51-6)			
LD50 oral rat	1230 mg/kg		
LD50 oral	1620 mg/kg bodyweight		
LD50 dermal	2500 mg/kg bodyweight		
acetyl propionyl (600-14-6)			
LD50 oral rat	3 g/kg		
LD50 oral	3000 mg/kg bodyweight		
LD50 dermal rabbit	> 2000 mg/kg		
LD50 dermal	2500 mg/kg bodyweight		
Benzaldehyde (100-52-7)	Benzaldehyde (100-52-7)		
LD50 oral rat	1292 mg/kg		
LD50 dermal rabbit	> 1250 mg/kg		
1,2-Cyclopentanedione, 3-methyl- (765-70-8)			
LD50 oral	1067 mg/kg bodyweight		

Safety Data Sheet

Amyl cinnamic aldehyde (122-40-7)			
LD50 oral rat	3730 mg/kg		
LD50 dermal rabbit	> 2000 mg/kg		
Heliotropine (120-57-0)			
LD50 oral rat	2700 mg/kg		
LD50 oral	2700 mg/kg bodyweight		
LD50 dermal rat	> 5000 mg/kg		
COUMARIN (91-64-5)			
LD50 oral rat	> 5000 mg/kg		
LD50 oral	290 mg/kg bodyweight		
LD50 dermal rat	293 mg/kg		
Ethyl vanillin (121-32-4)			
LD50 oral rat	1590 mg/kg		
LD50 oral	3000 mg/kg bodyweight		
LD50 dermal rat	> 2000 mg/kg		
Benzyl benzoate (120-51-4)			
LD50 oral rat	500 mg/kg		
LD50 oral	1160 mg/kg bodyweight		
LD50 dermal rabbit	4000 mg/kg		
Skin corrosion/irritation : Additional information :	Not classified Based on available data, the classification criteria are not met		
Serious eye damage/irritation :	Not classified		
Additional information : Respiratory or skin sensitisation :	Based on available data, the classification criteria are not met May cause an allergic skin reaction.		
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 : Additional information :	Not classified Based on available data, the classification criteria are not met		
d-Limonene (5989-27-5)			
IARC group	3 - Not classifiable		
Eugenol (97-53-0)			
IARC group	3 - Not classifiable		
COUMARIN (91-64-5)			
IARC group	3 - Not classifiable		
, ,	Not classified		
Additional information :	Based on available data, the classification criteria are not met		
STOT-single exposure : Additional information :	Not classified Based on available data, the classification criteria are not met		
STOT-repeated exposure :	Based on available data, the classification criteria are not met Not classified		
	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		

Safety Data Sheet

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

ditional information : Based on available data, the classification criteria are not met		
Heliotropine (120-57-0)		
Viscosity, kinematic	Not applicable	
Benzyl benzoate (120-51-4)		
Viscosity, kinematic	7.456 mm²/s	
Potential adverse human health effects and :	Based on available data, the classification criteria are not met	

symptoms

SECTION 12: Ecological information

12.1. Toxicity			
Hazardous to the aquatic environment, short-term : Not classified (acute) Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects. (chronic)			
.alphaPinene (80-56-8)			
LC50 - Fish [1]	0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])		
EC50 - Crustacea [1]	41 mg/l (Exposure time: 48 h - Species: Daphnia magna)		
d-Limonene (5989-27-5)			
LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])		
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)		
Eugenol (97-53-0)			
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])		
Benzyl alcohol (100-51-6)			
LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])		
LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])		
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)		
Benzaldehyde (100-52-7)			
LC50 - Fish [1]	10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])		
C50 - Fish [2] 12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])			
Heliotropine (120-57-0)			
LC50 - Fish [1]	2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static])		
Ethyl vanillin (121-32-4)			
LC50 - Fish [1]	81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])		
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		
12.2. Persistence and degradability			
Yummy Pumpkin Pie CC-13107 25%			
Persistence and degradability	Not established.		

Safety Data Sheet

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

Benzyl benzoate (120-51-4)			
Persistence and degradability	May cause long-term adverse effects in the environment.		
12.3. Bioaccumulative potential			
Yummy Pumpkin Pie CC-13107 25%			
Bioaccumulative potential	Not established.		
.alphaPinene (80-56-8)			
Partition coefficient n-octanol/water (Log Pow)	4.1		
d-Limonene (5989-27-5)			
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)		
p-Cymene (99-87-6)			
Partition coefficient n-octanol/water (Log Pow)	4.8 (at 20 °C (at pH 7)		
Partition coefficient n-octanol/water (Log Kow)	0		
Eugenol (97-53-0)			
Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5)		
Cinnamic aldehyde (104-55-2)			
Partition coefficient n-octanol/water (Log Pow)	2.1065 (at 25 °C)		
Benzyl alcohol (100-51-6)			
Partition coefficient n-octanol/water (Log Pow)	1.05		
Benzaldehyde (100-52-7)			
BCF - Fish [1]	(no significant bioaccumulation)		
Partition coefficient n-octanol/water (Log Pow)	1.4 (at 25 °C)		
Amyl cinnamic aldehyde (122-40-7)			
Partition coefficient n-octanol/water (Log Pow)	2.498 (at 25 °C (at pH 6.2)		
Heliotropine (120-57-0)			
Partition coefficient n-octanol/water (Log Pow)	1.2 (at 35 °C)		
Ethyl vanillin (121-32-4)			
Partition coefficient n-octanol/water (Log Pow)	1.61 (at 25 °C)		
Benzyl benzoate (120-51-4)			
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)		
Bioaccumulative potential	Not established.		
12.4. Mobility in soil			
No additional information available			
12.5. Results of PBT and vPvB assessment			
No additional information available			

No additional information available

12.6. Other adverse effects

Additional information

: Avoid release to the environment.

Safety Data Sheet

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

SECTION 13: Disposal consideration	S
13.1. Waste treatment methods	
Product/Packaging disposal recommendations Ecology - waste materials HP Code	 Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. 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	ΙΑΤΑ	ADN	RID
14.1. UN number				<u> </u>
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard o	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	n 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

Safety Data Sheet

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

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)				
Reference code	Applicable on	Entry title or description		
3(a)	.alphaPinene ; d- Limonene ; .betaPinene ; p-Cymene ; acetyl propionyl	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)	Yummy Pumpkin Pie CC- 13107 25% ; d-Limonene ; p-Cymene ; Eugenol ; Cinnamic aldehyde ; Benzyl alcohol ; acetyl propionyl ; Benzaldehyde ; Amyl cinnamic aldehyde ; Benzyl benzoate	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)	Yummy Pumpkin Pie CC- 13107 25% ; d-Limonene ; p-Cymene ; Cinnamic aldehyde ; Amyl cinnamic aldehyde ; Benzyl benzoate	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.	.alphaPinene ; d- Limonene ; .betaPinene ; p-Cymene ; acetyl propionyl	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 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)

Safety Data Sheet

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

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

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

L	_GK 1 _GK 4.1B _GK 5.1C _GK 6.1D	LGK 4.2 LGK 5.2	LGK 4.3	LGK 5.1A	LGK 4.1A		
L		LGK 5.2			LGK 5.1B		
L	_GK 6.1D		LGK 6.1A	LGK 6.1B	LGK 6.1C		
		LGK 6.2	LGK 7	LGK 8A	LGK 8B		
	_GK 10	LGK 11	LGK 12	LGK 13	LGK 10-13		
: L	.GK 1, LGK	6.2, LGK 7.					
		GK 4.3, LGK 5.					
	: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A,						
		SIX 0. IC, LOIX	U. ID, LOR OA, I	LOIN OD, LOIN IN	J, LOK 11, LOK 12, LOK 10		
: C	: Contains sensitizing substances according TRGS 907.						
: 1	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)						
: A	: A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic						
-							
	•						
	: None of the components are listed						
. N		components ar	elisted				
: N	lone of the o	components ar	e listed				
: E	Emergencv r	nanagement g	uidelines for the	storage of flam	mable liquids must be follo		
	- · ·	-	-				
	-	0	Ū	·			
: L	.K 10/12 - Li	quids					
	L 1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4	LGK 6.1B, LG 10-13. Contains ser Is not subject A(2) - toxic for environment None of the of None of the of None of the of None of the of None of the of Emergency r Young peopl Pregnant/bre the product	 LGK 6.1B, LGK 6.1C, LGK 10-13. Contains sensitizing substational subject of the Hazard A(2) - toxic for aquatic orgation environment None of the components are Young people below the age Pregnant/breastfeeding work 	 LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, I 10-13. Contains sensitizing substances according Is not subject of the Hazardous Incident Or A(2) - toxic for aquatic organisms, may have environment None of the components are listed Emergency management guidelines for the Young people below the age of 18 years ar Pregnant/breastfeeding women working wit the product 	 LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10 10-13. Contains sensitizing substances according TRGS 907. Is not subject of the Hazardous Incident Ordinance (12. BI A(2) - toxic for aquatic organisms, may have longterm haza environment None of the components are listed Sone of the components are listed		

No chemical safety assessment has been carried out

Safety Data Sheet

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SECTION 16: Other informatio	n
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:			
Actue Tox 3 (Inhalation:dust.mist)Actue toxicity (inhalation:dust.mist) Category 3Actue Tox 3 (Ora)Acute toxicity (oral), Category 4Acute Tox 4 (InhalationAcute toxicity (oral), Category 4Acute Tox 4 (InhalationAcute toxicity (oral), Category 4Acute Tox 4 (Ora)Acute toxicity (oral), Category 4Acute Tox 4 (Ora)Acute toxicity (oral), Category 4Aquatic Acute 1Hazardous to the aquatic environment – Acute Hazard, Category 2Aquatic Acute 1Hazardous to the aquatic environment – Chronic Hazard, Category 3Aquatic Acronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Aquatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Aquatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Appent 4Serious eye damage/eye irritation, Category 1Eye Irrit. 2Serious eye damage/eye irritation, Category 2Flam. Liq. 3Flammable liquids, Category 3Harnup 1Flammable liquids, Category 3HazardousHarmable liquids, Category 3HazardousHarmable liquid and vapour.HazardousHarmable liquid and vapour.HazardousHarmable liquid and vapour.HazardousHarmable liquid and vapour.HazardousHarmul I swallowed.HazardousHarmul I swallowed and enters airways.HaitonToxic in contact with skin.HaitonCauses skin irritation.HaitonCauses skin irritation.HaitonCauses skin irritation.Haiton<	Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3		
(Inhalation dust, mist)Interfact the function of the second s	Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3		
Acute Tox. 4 (Dermal)Acute toxicity (dermal), Category 4Acute Tox. 4 (Oral)Acute toxicity (inhal.), Category 4Acute Tox. 4 (Oral)Acute toxicity (oral), Category 4Aquatic Acute 1Hazardous to the aquatic environment – Acute Hazard, Category 1Aquatic Acute 1Hazardous to the aquatic environment – Chronic Hazard, Category 2Aquatic Chronic 2Hazardous to the aquatic environment – Chronic Hazard, Category 3Aquatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Aquatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Aquatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Aguatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Eye Irnit. 2Serious eye damage/eye irritation, Category 2Flam. Liq. 3Flammable liquids, Category 3H225Highly flammable liquid and vapour.H226Harmable liquid and vapour.H227Harmable liquid and vapour.H310Toxic if svallowed.H311Toxic in contact with skin.H312Harmful in contact with skin.H314Causes serious eye damage.H314Causes serious eye damage.H314Causes serious eye damage.H314Causes serious eye damage.H316Causes serious eye damage.H317Gauses serious eye damage.H318Causes serious eye damage.H319Causes serious eye damage.H314Cause serious eye damage.H315Cau		Acute toxicity (inhalation:dust,mist) Category 3		
Acute Tox. 4 (Inhalation)Acute toxicity (Inhal.). Category 4Acute Tox. 4 (Oral)Acute toxicity (oral). Category 4Aquatic Acute 1Hazardous to the aquatic environment – Acute Hazard, Category 1Aquatic Chronic 2Hazardous to the aquatic environment – Chronic Hazard, Category 2Aquatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Aquatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Aquatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3Aquatic Chronic 3Hazardous to the aquatic environment – Chronic Hazard, Category 3App. Tox. 1Aspiration hazard, Category 1Eye Dam. 1Serious eye damage/eye irritation, Category 2Flam. Liq. 2Flammable liquids, Category 2Flam. Liq. 3Flammable liquids, Category 3H225Halmable liquids, Category 3H226Flammable liquid and vapour.H226Flammable liquid and vapour.H226Harmful I swallowed.H310Toxic In contact with skin.H311Toxic In contact with skin.H312Gauses skin irritation.H313Causes serious eye damage.H314Toxic I inhaled.H315Causes serious eye damage.H316Causes serious eye damage.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Causes serious eye damage.H319Causes serious eye damage.H319Causes serious eye damage.H310Cause	Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3		
Actue Tox. 4 (Oral)Actue toxicity (oral). Category 4Aquatic Actue 1Hazardous to the aquatic environment - Actue Hazard, Category 1Aquatic Chronic 2Hazardous to the aquatic environment - Chronic Hazard, Category 2Aquatic Chronic 3Hazardous to the aquatic environment - Chronic Hazard, Category 3Asp. Tox. 1Aspiration hazard, Category 1Eye Dam. 1Serious eye damage/eye irritation, Category 1Eye Irrit. 2Serious eye damage/eye irritation, Category 2Flam. Liq. 3Flammable liquids, Category 2Flam. Liq. 3Flammable liquid and vapour.H225Highly flammable liquid and vapour.H301Toxic if swallowed.H302Harmful if swallowed.H304May be fatal if swallowed and enters airways.H315Cause skin irritation.H316Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye irritaton.H319Suspected of damaging fertility or the unbom child.H332Varsues eye irritation.H334Suspected of damaging fertility or the unbom child.H334Varsues damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H400Very toxic to aquatic life.	Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4		
Aquatic Acute 1Hazardous to the aquatic environment - Acute Hazard, Category 1Aquatic Chronic 2Hazardous to the aquatic environment - Chronic Hazard, Category 2Aquatic Chronic 3Hazardous to the aquatic environment - Chronic Hazard, Category 3Asp. Tox. 1Aspiration hazard, Category 1Eye Dam. 1Serious eye damage/eye irritation, Category 2Eye Irrit. 2Serious eye damage/eye irritation, Category 2Flam. Liq. 3Flammable liquids, Category 3H225Highly flammable liquid and vapour.H226Flammable liquid and vapour.H301Toxic if swallowed.H302Harmful if swallowed.H311Toxic in contact with skin.H312Quases serious eye damage.H314Causes serious eye damage.H315Causes serious eye damage.H316May cause an allergic skin reaction.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Toxic if inhaled.H332Maruful in inhaled.H332Varie if inhaled.H332Sues estrious eye damage.H314Sues estrious eye damage.H315Causes serious eye irritation.H332Maruful in inhaled.H334Sues estrious eye irritation.H334Sues estrious eye irritation.H334Gauses serious eye irritation.H334Varie inhaled.H334Varie inhaled.H334Sues estrious eye irritation.H334Sues edamage to organs through prolonged or re	Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4		
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Eye Dan. 1Serious eye damage/eye irritation, Category 1Eye Irrit. 2Serious eye damage/eye irritation, Category 2Flam. Liq. 2Flammable liquids, Category 2Flam. Liq. 3Flammable liquids, Category 3H225Highly flammable liquid and vapour.H226Flammable liquid and vapour.H301Toxic if swallowed.H302Harmful if swallowed.H304May be fatal if swallowed and enters airways.H311Toxic in contact with skin.H312Harmful in contact with skin.H314Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Toxic if inhaled.H322Harmful i finhaled.H332Harmful i finhaled.H334Supected of damaging fertility or the unborn child.H334Supected of damage to organs through prolonged or repeated exposure.H400Yeix to aquatic life.H411Toxic to aquatic life with long lasting effects.	Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3		
Eye Irit. 2Serious eye damage/eye iritation, Category 2Flam. Liq. 2Flammable liquids, Category 2Flam. Liq. 3Flammable liquids, Category 3HazzFlammable liquid and vapour.H226Flammable liquid and vapour.H301Toxic if swallowed.H302Harmful if swallowed.H304May be fatal if swallowed and enters airways.H311Toxic in contact with skin.H312Harmful in contact with skin.H315Causes skin irritation.H316Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Toxic if inhaled.H320Harmful if inhaled.H331Toxic if inhaled.H332Gauses damage for inhaled.H334Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H410Toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	Asp. Tox. 1	Aspiration hazard, Category 1		
Flam. Liq. 2Flammable liquids, Category 2Flam. Liq. 3Flammable liquids, Category 3H225Highly flammable liquid and vapour.H226Flammable liquid and vapour.H301Toxic if swallowed.H302Harnful if swallowed.H304May be fatal if swallowed and enters airways.H311Toxic in contact with skin.H312Harnful in contact with skin.H313Causes skin irritation.H314Saves an allergic skin reaction.H318Causes serious eye damage.H319Toxic i finhaled.H320Harnful if inhaled.H311Suppected of damaging fertility or the unborn child.H312Very toxic to aquatic life.H313Suppected of gauss through prolonged or repeated exposure.H314Toxic to aquatic life.H315Suppected iffe with long lasting effects.	Eye Dam. 1	Serious eye damage/eye irritation, Category 1		
Flam. Liq. 3Flammable liquids, Category 3H225Highly flammable liquid and vapour.H226Flammable liquid and vapour.H301Toxic if swallowed.H302Harmful if swallowed.H304May be fatal if swallowed and enters airways.H314Toxic in contact with skin.H315Causes skin irritation.H316Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Toxic if inhaled.H322Suspected of damaging fertility or the unborn child.H331Suspected organs through prolonged or repeated exposure.H314Toxic to quautic life.H315Toxic to quautic life.H316Toxic to quautic life.H317Toxic if inhaled.H318Suspected of damaging effects.	Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
H225Highly flammable liquid and vapour.H226Flammable liquid and vapour.H301Toxic if swallowed.H302Harmful if swallowed and enters airways.H304May be fatal if swallowed and enters airways.H311Toxic in contact with skin.H312Harmful in contact with skin.H315Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Toxic if inhaled.H332Harmful i finhaled.H332May cause damaging fertility or the unborn child.H333May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	Flam. Liq. 2	Flammable liquids, Category 2		
H226Flammable liquid and vapour.H301Toxic if swallowed.H302Harmful if swallowed.H304May be fatal if swallowed and enters airways.H314Toxic in contact with skin.H315Harmful in contact with skin.H315Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Toxic if inhaled.H322Harmful if inhaled.H332Suppected of damaging fertility or the unborn child.H334Suppected of damaging fertility or the unborn child.H373May cause clause to rogans through prolonged or repeated exposure.H411Toxic to aquatic life with long lasting effects.	Flam. Liq. 3	Flammable liquids, Category 3		
H301Toxic if swallowed.H302Harmful if swallowed.H304May be fatal if swallowed and enters airways.H314Toxic in contact with skin.H315Toxic in contact with skin.H316Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Toxic if inhaled.H332Harmful if inhaled.H332Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H411Toxic to aquatic life with long lasting effects.	H225	Highly flammable liquid and vapour.		
H302Harmful if swallowed.H304May be fatal if swallowed and enters airways.H314Toxic in contact with skin.H312Harmful in contact with skin.H315Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Causes serious eye irritation.H319Sayse serious eye irritation.H319Causes serious eye irritation.H319Sayse serious eye irritation.H331Toxic if inhaled.H332Harmful if inhaled.H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H411Toxic to aquatic life with long lasting effects.	H226	Flammable liquid and vapour.		
H304May be fatal if swallowed and enters airways.H314Toxic in contact with skin.H315Harmful in contact with skin.H316Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Causes serious eye irritation.H319Toxic if inhaled.H321Suspected of damaging fertility or the unborn child.H332May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H301	Toxic if swallowed.		
H311Toxic in contact with skin.H312Harmful in contact with skin.H312Harmful in contact with skin.H315Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Causes serious eye irritation.H331Toxic if inhaled.H332Harmful if inhaled.H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H302	Harmful if swallowed.		
H312Harmful in contact with skin.H312Causes skin irritation.H315Causes skin irritation.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Causes serious eye irritation.H331Toxic if inhaled.H332Harmful if inhaled.H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H304	May be fatal if swallowed and enters airways.		
H315Causes skin irritation.H315May cause an allergic skin reaction.H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Causes serious eye irritation.H331Toxic if inhaled.H332Harmful if inhaled.H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H311	Toxic in contact with skin.		
H317May cause an allergic skin reaction.H318Causes serious eye damage.H319Causes serious eye irritation.H331Toxic if inhaled.H332Harmful if inhaled.H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H312	Harmful in contact with skin.		
H318Causes serious eye damage.H319Causes serious eye irritation.H331Toxic if inhaled.H332Harmful if inhaled.H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H315	Causes skin irritation.		
H319Causes serious eye irritation.H331Toxic if inhaled.H332Harmful if inhaled.H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H317	May cause an allergic skin reaction.		
H331Toxic if inhaled.H332Harmful if inhaled.H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H318	Causes serious eye damage.		
H332Harmful if inhaled.H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H319	Causes serious eye irritation.		
H361Suspected of damaging fertility or the unborn child.H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H331	Toxic if inhaled.		
H373May cause damage to organs through prolonged or repeated exposure.H400Very toxic to aquatic life.H411Toxic to aquatic life with long lasting effects.	H332	Harmful if inhaled.		
H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.	H361	Suspected of damaging fertility or the unborn child.		
H411 Toxic to aquatic life with long lasting effects.	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.	H412	Harmful to aquatic life with long lasting effects.		

Safety Data Sheet

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

Full text of H- and EUH-statements:		
Repr. 2	Reproductive toxicity, Category 2	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	

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.