Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 5/22/2023 Revision date: 7/31/2023 Version: 1.0



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

1.1. Product identifier

Product form	: Mixture
Trade name	: GILDED WHITE PUMPKIN CC-16433
UFI	: C9PT-R9VT-T002-FQQN
Product code	: CC-16433
Type of product	: Perfumes, fragrances
Product group	: Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category	: Professional use, Industrial use
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

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]	
Skin corrosion/irritation, Category 2	H315	
Serious eye damage/eye irritation, Category 2	H319	
Skin sensitisation, Category 1	H317	
Full text of H- and EUH-statements: see section 16		
Adverse physicochemical, human health and environmental effects		
Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.		
2.2. Label elements		
Labelling according to Regulation (EC) No. 1272/2008 [CL	P]	
Hazard pictograms (CLP) :	^	

Signal word (CLP) Contains : Warning

GHS07

: Vertenex; Cinnamic aldehyde; COUMARIN; 3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-

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Hazard statements (CLP)	: H315 - Causes skin irritation.
	H317 - May cause an allergic skin reaction.
	H319 - Causes serious eye irritation.
Precautionary statements (CLP)	: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
	P264 - Wash hands, forearms and face thoroughly after handling.
	P272 - Contaminated work clothing should not be allowed out of the workplace.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
	P302+P352 - IF ON SKIN: Wash with plenty of water.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
Extra phrases	: For professional users only.

2.3. Other hazards

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

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Vertenex	CAS-No.: 32210-23-4 EC-No.: 250-954-9 REACH-no: 01-2119976286- 24	3.1 – 6.25	Skin Sens. 1B, H317
Cinnamic aldehyde	CAS-No.: 104-55-2 EC-No.: 203-213-9 REACH-no: 01-2119935242- 45	3.1 – 6.16	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
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	2.5 – 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Vanillin	CAS-No.: 121-33-5 EC-No.: 204-465-2 REACH-no: 01-2119516040- 60	0.7 – 1.4	Eye Irrit. 2, H319
COUMARIN	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756- 26	0.5 – 0.94	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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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	0.3 – 0.54	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Ethyl lactate substance with national workplace exposure limit(s) (FI, LT, SE)	CAS-No.: 97-64-3 EC-No.: 202-598-0 EC Index-No.: 607-129-00-7	0.3 – 0.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
1,2-Propanediol substance with national workplace exposure limit(s) (GB, HR, IE, LT, LV, PL, NO)	CAS-No.: 57-55-6 EC-No.: 200-338-0 REACH-no: 01-2119456809- 23	0.1 – 0.257	Not classified
Oenanthic ether (Ethyl heptanoate)	CAS-No.: 106-30-9 EC-No.: 203-382-9	0.1 – 0.25	Flam. Liq. 3, H226 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Furfural substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, LT, LV, PL, PT, RO, SE, SK, NO, CH)	CAS-No.: 98-01-1 EC-No.: 202-627-7 EC Index-No.: 605-010-00-4	0.1 – 0.2	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
Isobutyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH)	CAS-No.: 110-19-0 EC-No.: 203-745-1 EC Index-No.: 607-026-00-7	0.1 – 0.2	Flam. Liq. 2, H225 STOT SE 3, H336
3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-	CAS-No.: 3658-77-3 EC-No.: 222-908-8	0 - 0.04	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Irrit. 2, H319 Skin Sens. 1A, H317
.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	≤ 0.00225	Flam. Liq. 3, H226
Dipropylene glycol monomethyl ether substance with national workplace exposure limit(s) (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 34590-94-8 EC-No.: 252-104-2	≤ 0.00186	Not classified
.alphaPinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO) Full text of H- and EUH-statements: see section 16	CAS-No.: 80-56-8 EC-No.: 201-291-9	≤ 0.00015	Flam. Liq. 3, H226

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	: Remove person to fresh air and keep comfortable for breathing. 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. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and effects	s, both acute and delayed
Symptoms/effects Symptoms/effects after skin contact Symptoms/effects after eye contact	 Not expected to present a significant hazard under anticipated conditions of normal use. Irritation. May cause an allergic skin reaction. Eye irritation.
4.3. Indication of any immediate medical attention and special treatment needed	

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	: Sand. Water spray. Dry powder. Foam. Carbon dioxide. : Do not use a heavy water stream.
5.2. Special hazards arising from the subst	ance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures	: Ventilate area.	

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6.2. Environmental precautions		
Avoid release to the environment. 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	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections		

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. 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. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	ng any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
Storage temperature	: 25 °C
Storage area	: Store in a well-ventilated place. Store away from heat.
Special rules on packaging	: Store in a closed container.
Packaging materials	: Do not store in corrodable metal.

7.3. Specific end use(s)

No additional information available

protection		
limit values		
5 mg/m ³		
40 mg/m³		
Finland - Occupational Exposure Limits		
45 mg/m ³		
10 ppm		

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Benzyl alcohol (100-51-6)		
Germany - Occupational Exposure Limits (TRGS 90	10)	
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	
Slovenia - Occupational Exposure Limits		
OEL TWA	22 mg/m ³	
OEL TWA [ppm]	5 ppm	
OEL STEL	44 mg/m ³	
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	
Ethyl lactate (97-64-3)		
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	25 mg/m ³	
HTP (OEL TWA) [2]	5 ppm	
HTP (OEL STEL)	49 mg/m ³	
HTP (OEL STEL) [ppm]	10 ppm	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	25 mg/m³	
IPRV (OEL TWA) [ppm]	5 ppm	
TPRV (OEL STEL)	50 mg/m³	
TPRV (OEL STEL) [ppm]	10 ppm	
Sweden - Occupational Exposure Limits		
NGV (OEL TWA)	25 mg/m ³ (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined)	
NGV (OEL TWA) [ppm]	5 ppm (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined)	

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Ethyl lactate (97-64-3)	
KTV (OEL STEL)	50 mg/m ³ (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined)
KTV (OEL STEL) [ppm]	10 ppm (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined)
1,2-Propanediol (57-55-6)	
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	474 mg/m ³ (total vapor and particles) 10 mg/m ³ (particles)
GVI (OEL TWA) [2]	150 ppm
Ireland - Occupational Exposure Limits	
OEL TWA [1]	10 mg/m ³ (particulates) 470 mg/m ³ (total vapour and particulates)
OEL TWA [2]	150 ppm (total vapour and particulates)
OEL STEL	1410 mg/m ³ (calculated-particulates) 30 mg/m ³ (calculated)
OEL STEL [ppm]	450 ppm (calculated-total vapour and particulates)
Latvia - Occupational Exposure Limits	·
OEL TWA	7 mg/m ³
Lithuania - Occupational Exposure Limits	·
IPRV (OEL TWA)	7 mg/m ³
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	100 mg/m ³ (vapor and inhalable fraction)
United Kingdom - Occupational Exposure Limit	S
WEL TWA (OEL TWA) [1]	474 mg/m ³ (total vapour and particulates) 10 mg/m ³ (particulates)
WEL TWA (OEL TWA) [2]	150 ppm (total vapour and particulates)
WEL STEL (OEL STEL)	1422 mg/m ³ (calculated-total vapour and particulates) 30 mg/m ³ (calculated-particulate)
WEL STEL (OEL STEL) [ppm]	450 ppm (calculated-total vapour and particulates)
Norway - Occupational Exposure Limits	·
Grenseverdi (OEL TWA) [1]	79 mg/m³
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	118.5 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
Furfural (98-01-1)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	20 mg/m ³
MAK (OEL TWA) [ppm]	5 ppm
OEL chemical category	Skin notation, Group B Carcinogen
Belgium - Occupational Exposure Limits	
OEL TWA	8 mg/m ³

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Furfural (98-01-1)		
OEL TWA [ppm]	2 ppm	
OEL chemical category	Skin	
Bulgaria - Occupational Exposure Limits		
OEL TWA	10 mg/m³ (Furfurol)	
Croatia - Occupational Exposure Limits		
GVI (OEL TWA) [1]	8 mg/m³	
GVI (OEL TWA) [2]	2 ppm	
KGVI (OEL STEL)	20 mg/m ³	
KGVI (OEL STEL) [ppm]	5 ppm	
OEL chemical category	Skin notation	
Czech Republic - Occupational Exposure Limits		
PEL (OEL TWA)	10 mg/m ³	
OEL chemical category	Potential for cutaneous absorption	
Denmark - Occupational Exposure Limits	·	
OEL TWA [1]	7.9 mg/m³	
OEL TWA [2]	2 ppm	
OEL STEL	15.8 mg/m ³	
OEL STEL [ppm]	4 ppm	
OEL chemical category	Potential for cutaneous absorption	
Estonia - Occupational Exposure Limits	·	
OEL TWA	8 mg/m³	
OEL TWA [ppm]	2 ppm	
OEL STEL	20 mg/m ³	
OEL STEL [ppm]	5 ppm	
OEL chemical category	Skin notation	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	8 mg/m ³	
HTP (OEL TWA) [2]	2 ppm	
HTP (OEL STEL)	20 mg/m³	
HTP (OEL STEL) [ppm]	5 ppm	
OEL chemical category	Potential for cutaneous absorption	
France - Occupational Exposure Limits		
VLE (OEL C/STEL)	8 mg/m ³	
VLE (OEL C/STEL) [ppm]	2 ppm	
OEL chemical category	Carcinogen category 2	
France - Biological limit values		
BLV	Parameter: Total furoic acid - Medium: urine - Sampling time: end of shift (per the Authority, the values for this substance must be decided and/or determined on a case by case basis. Guidance for the calculation of and interpretation of values is provided in the source)	

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Furfural (98-01-1)		
Greece - Occupational Exposure Limits		
OEL TWA	20 mg/m³	
OEL TWA [ppm]	5 ppm	
OEL STEL	40 mg/m ³	
OEL STEL [ppm]	10 ppm	
OEL chemical category	skin - potential for cutaneous absorption	
Hungary - Occupational Exposure Limits	·	
AK (OEL TWA)	8 mg/m ³	
CK (OEL STEL)	20 mg/m³	
OEL chemical category	Sensitizer, Potential for cutaneous absorption	
Ireland - Occupational Exposure Limits	·	
OEL TWA [1]	8 mg/m³	
OEL TWA [2]	2 ppm	
OEL STEL	20 mg/m³	
OEL STEL [ppm]	5 ppm	
OEL chemical category	Potential for cutaneous absorption	
Latvia - Occupational Exposure Limits		
OEL TWA	10 mg/m ³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	8 mg/m³	
IPRV (OEL TWA) [ppm]	2 ppm	
TPRV (OEL STEL)	20 mg/m ³	
TPRV (OEL STEL) [ppm]	5 ppm	
OEL chemical category	Carcinogen, Skin notation	
Poland - Occupational Exposure Limits	·	
NDS (OEL TWA)	10 mg/m³	
NDSCh (OEL STEL)	25 mg/m³	
Portugal - Occupational Exposure Limits	·	
OEL TWA [ppm]	2 ppm	
OEL chemical category	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, skin - potential for cutaneous exposure	
Romania - Occupational Exposure Limits		
OEL TWA	10 mg/m³	
OEL TWA [ppm]	2.5 ppm	
OEL STEL	15 mg/m³	
OEL STEL [ppm]	4 ppm	
OEL chemical category	C2	
Slovakia - Occupational Exposure Limits		
NPHV (OEL TWA) [1]	7.9 mg/m ³	

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Furfural (98-01-1)	Furfural (98-01-1)	
NPHV (OEL TWA) [2]	2 ppm	
OEL chemical category	Potential for cutaneous absorption	
Spain - Occupational Exposure Limits	·	
VLA-ED (OEL TWA) [1]	8 mg/m³	
VLA-ED (OEL TWA) [2]	2 ppm	
OEL chemical category	skin - potential for cutaneous absorption	
Spain - Biological limit values		
BLV	200 mg/l Parameter: Furoic acid - Medium: urine - Sampling time: end of shift (with hydrolysis)	
Sweden - Occupational Exposure Limits		
NGV (OEL TWA)	8 mg/m ³	
NGV (OEL TWA) [ppm]	2 ppm	
KTV (OEL STEL)	20 mg/m ³	
KTV (OEL STEL) [ppm]	5 ppm	
OEL chemical category	Skin notation	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	8 mg/m ³	
WEL TWA (OEL TWA) [2]	2 ppm	
WEL STEL (OEL STEL)	20 mg/m³	
WEL STEL (OEL STEL) [ppm]	5 ppm	
WEL chemical category	Potential for cutaneous absorption	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	8 mg/m ³	
Grenseverdi (OEL TWA) [2]	2 ppm	
Korttidsverdi (OEL STEL)	16 mg/m ³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	4 ppm (value calculated)	
OEL chemical category	Skin notation	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	8 mg/m³	
MAK (OEL TWA) [2]	2 ppm	
OEL chemical category	Skin notation	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	0.2 ppm	
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans, Skin - potential significant contribution to overall exposure by the cutaneous route	
USA - ACGIH - Biological Exposure Indices		
BEI	200 mg/l Parameter: Furoic acid with hydrolysis - Medium: urine - Sampling time: end of shift (nonspecific)	

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Isobutyl acetate (110-19-0)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	241 mg/m ³ (Butyl acetates)
MAK (OEL TWA) [ppm]	50 ppm (Butyl acetates)
MAK (OEL STEL)	480 mg/m ³ (Butyl acetate)
MAK (OEL STEL) [ppm]	100 ppm (Butyl acetate)
Belgium - Occupational Exposure Limits	
OEL TWA	238 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	712 mg/m³
OEL STEL [ppm]	150 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA	241 mg/m³
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m ³
OEL STEL [ppm]	150 ppm
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	241 mg/m³
GVI (OEL TWA) [2]	50 ppm
KGVI (OEL STEL)	723 mg/m ³
KGVI (OEL STEL) [ppm]	150 ppm
Cyprus - Occupational Exposure Limits	
OEL TWA	241 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m ³
OEL STEL [ppm]	150 ppm
Czech Republic - Occupational Exposure Limits	
PEL (OEL TWA)	241 mg/m³
Denmark - Occupational Exposure Limits	
OEL TWA [1]	241 mg/m ³ (Butyl acetate, all isomers)
OEL TWA [2]	50 ppm (Butyl acetate, all isomers)
OEL STEL	723 mg/m ³
OEL STEL [ppm]	150 ppm
Estonia - Occupational Exposure Limits	
OEL TWA	241 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	723 mg/m ³
OEL STEL [ppm]	150 ppm
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	240 mg/m ³ (Butyl acetate)

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HTP (QEL TWA) [2]S0 ppm (Buryl acetate)HTP (QEL STEL)725 mg/m (Buryl acetate)HTP (QEL STEL) [ppm]150 ppm (Buryl acetate)Prace-Occupational Exposure Limits241 mg/m² (restrictive limit)VME (QEL TWA)241 mg/m² (restrictive limit)VME (QEL TWA) [ppm]50 ppm (restrictive limit)VLE (QEL CSTEL)723 mg/m² (restrictive limit)VLE (QEL CSTEL)730 mg/m² (restrictive limit)VLE (QEL CSTEL)50 ppm (restrictive limit)QUE (QEL TWA) [p]500 mg/m² (restrictive limit)AGW (QEL TWA) [2]620 mg/m² (restrictive limit)AGW (QEL TWA) [2]620 mg/m² (restrictive limit)AGW (QEL TWA) [2]62 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)Greece-Occupational Exposure Limits62 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)GRECE - Occupational Exposure Limits723 mg/m²OEL TWA [ppm]60 ppmOEL TWA [ppm]50 ppmOEL STEL [ppm]141 mg/m²CK (QEL TWA)241 mg/m²CK (QEL STEL)723 mg/m²OEL TWA [1]60 ppmCK (QEL TWA)241 mg/m²CK (DEL STEL)723 mg/m²OEL TWA [2]60 ppmCK (QEL TWA)241 mg/m²CK (DEL STEL)723 mg/m²OEL TWA [2]60 ppmCK (QEL TWA)50 ppmCK (QEL TWA) [Ppm]50 ppmCK (QEL TWA [ppm]50 ppmCK (QEL TWA [ppm]50 ppmCK (QEL TWA [ppm] <t< th=""><th colspan="3">Isobutyl acetate (110-19-0)</th></t<>	Isobutyl acetate (110-19-0)		
HTP (OEL STEL) (ppm)150 ppm (Buyl acetalo)France - Occupational Exposure Limits241 mg/m² (vestricive limit)VME (OEL TWA) (ppm)50 ppm (restricive limit)VME (OEL CSTEL)723 mg/m² (vestricive limit)VLE (OEL CSTEL) (ppm)150 ppm (restricive limit)Germany - Occupational Exposure Limits (TRGS 90)AGW (OEL TWA) [2]62 mg/m² (vestricive limit)AGW (OEL TWA) [2]62 mg/m² (vestricive limit)Cecce - Occupational Exposure Limits723 mg/m² (vestricive limit)OEL TWA241 mg/m²OEL TWA (ppm)50 ppmOEL STEL [pm]150 ppmOEL STEL [pm]73 mg/m² (vestricive limit)Cu Compational Exposure Limits73 mg/m² (vestricive limit)OEL TWA [2]50 ppmOEL TWA [2]50 ppm	HTP (OEL TWA) [2]	50 ppm (Butyl acetate)	
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VME (OEL TWA)241 mg/m² (restrictive limit)VME (OEL TWA) [ppm]50 ppm (restrictive limit)VLE (OEL C/STEL)723 mg/m² (restrictive limit)Oermany - Occupational Exposure Limits (TROS 9000000000000000000000000000000000000	HTP (OEL STEL) [ppm]	150 ppm (Butyl acetate)	
VHE (OEL TWA) [ppm]50 ppm (restrictive limit)VLE (OEL C/STEL)723 mg/m² (restrictive limit)Germany - Occupational Exposure Limits (TGGS 900000000000000000000000000000000000	France - Occupational Exposure Limits		
VE (OE LC/STEL) [pm]Z32 mg/m² (restrictive limit)VEL (OEL CSTEL) [pm]160 pm (restrictive limit)Germany - Occupational Exposure Limits (TRGS 9000000000000000000000000000000000000	VME (OEL TWA)	241 mg/m ³ (restrictive limit)	
VLE (OEL C/STEL) (ppm)160 ppm (restrictive limit)Germany - Occupational Exposure Limits (TRGS >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	VME (OEL TWA) [ppm]	50 ppm (restrictive limit)	
Germany - Occupational Exposure Limits (TRGS 9000000000000000000000000000000000000	VLE (OEL C/STEL)	723 mg/m ³ (restrictive limit)	
AGW (OEL TWA) [1]300 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)AGW (OEL TWA) [2]62 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)Genece - Occupational Exposure Limits241 mg/m³OEL TWA90 ppmOEL TWA [ppm]50 ppmOEL STEL [ppm]150 ppmOEL STEL [ppm]50 ppmMurgary - Occupational Exposure Limits723 mg/m³CK (OEL STEL)723 mg/m³CK (OEL STEL)723 mg/m³OEL chemical category8 ensitizerVEL TWA [1]241 mg/m³OEL TWA [1]90 ppmOEL TWA [2]50 ppmOEL TWA [2]50 ppmOEL TWA [2]50 ppmOEL TWA [2]50 ppm (alculated)Teland - Occupational Exposure Limits723 mg/m³ (calculated)OEL TWA [2]50 ppm (alculated)TEL [ppm]241 mg/m³OEL TWA [2]50 ppm (alculated)Telay - Occupational Exposure Limits723 mg/m³ (calculated)OEL TWA [2]50 ppm (alculated)OEL TWA [2]50 ppmOEL T	VLE (OEL C/STEL) [ppm]	150 ppm (restrictive limit)	
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IPRV (OEL TWA) [ppm] 50 ppm TPRV (OEL STEL) 723 mg/m³	Lithuania - Occupational Exposure Limits		
TPRV (OEL STEL) 723 mg/m ³	IPRV (OEL TWA)	241 mg/m ³	
	IPRV (OEL TWA) [ppm]	50 ppm	
TPRV (OEL STEL) [ppm] 150 ppm	TPRV (OEL STEL)	723 mg/m ³	
	TPRV (OEL STEL) [ppm]	150 ppm	

Safety Data Sheet

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OEL STEL723 mg/m3OEL STEL [ppm]150 ppmSlovakia - Occupational Exposure LimitsNPHV (OEL TWA) [1]480 mg/m3NPHV (OEL TWA) [2]100 ppmNPHV (OEL C)700 mg/m3Slovenia - Occupational Exposure LimitsOEL TWA241 mg/m3OEL TWA [ppm]50 ppmOEL STEL723 mg/m3OEL STEL [ppm]150 ppm	OEL TWA	241 mg/m ³
OEL STEL [ppm]150 ppmSlovakia - Occupational Exposure Limits480 mg/m³NPHV (OEL TWA) [1]480 mg/m³NPHV (OEL TWA) [2]100 ppmNPHV (OEL C)700 mg/m³Slovenia - Occupational Exposure Limits241 mg/m³OEL TWA241 mg/m³OEL TWA [ppm]50 ppmOEL STEL723 mg/m³OEL STEL [ppm]150 ppm	OEL TWA [ppm]	50 ppm
Slovakia - Occupational Exposure LimitsNPHV (OEL TWA) [1]480 mg/m³NPHV (OEL TWA) [2]100 ppmNPHV (OEL C)700 mg/m³Slovenia - Occupational Exposure Limits241 mg/m³OEL TWA241 mg/m³OEL TWA [ppm]50 ppmOEL STEL723 mg/m³OEL STEL [ppm]150 ppmSpain - Occupational Exposure Limits	OEL STEL	723 mg/m ³
NPHV (OEL TWA) [1]480 mg/m³NPHV (OEL TWA) [2]100 ppmNPHV (OEL C)700 mg/m³Slovenia - Occupational Exposure Limits241 mg/m³OEL TWA241 mg/m³OEL TWA [ppm]50 ppmOEL STEL723 mg/m³OEL STEL [ppm]150 ppmSpain - Occupational Exposure Limits	OEL STEL [ppm]	150 ppm
NPHV (OEL TWA) [2]100 ppmNPHV (OEL C)700 mg/m³Slovenia - Occupational Exposure Limits241 mg/m³OEL TWA241 mg/m³OEL TWA [ppm]50 ppmOEL STEL723 mg/m³OEL STEL [ppm]150 ppmSpain - Occupational Exposure Limits	Slovakia - Occupational Exposure Limits	
NPHV (OEL C) 700 mg/m³ Slovenia - Occupational Exposure Limits 241 mg/m³ OEL TWA 241 mg/m³ OEL TWA [ppm] 50 ppm OEL STEL 723 mg/m³ OEL STEL [ppm] 150 ppm Spain - Occupational Exposure Limits	NPHV (OEL TWA) [1]	480 mg/m ³
Slovenia - Occupational Exposure Limits OEL TWA 241 mg/m³ OEL TWA [ppm] 50 ppm OEL STEL 723 mg/m³ OEL STEL [ppm] 150 ppm Spain - Occupational Exposure Limits	NPHV (OEL TWA) [2]	100 ppm
OEL TWA241 mg/m³OEL TWA [ppm]50 ppmOEL STEL723 mg/m³OEL STEL [ppm]150 ppmSpain - Occupational Exposure Limits	NPHV (OEL C)	700 mg/m ³
OEL TWA [ppm] 50 ppm OEL STEL 723 mg/m³ OEL STEL [ppm] 150 ppm Spain - Occupational Exposure Limits	Slovenia - Occupational Exposure Limits	
OEL STEL 723 mg/m³ OEL STEL [ppm] 150 ppm Spain - Occupational Exposure Limits 150 ppm	OEL TWA	241 mg/m ³
OEL STEL [ppm] 150 ppm Spain - Occupational Exposure Limits	OEL TWA [ppm]	50 ppm
Spain - Occupational Exposure Limits	OEL STEL	723 mg/m ³
	OEL STEL [ppm]	150 ppm
VI A-FD (OFL TWA) [1] 241 ma/m ³	Spain - Occupational Exposure Limits	
	VLA-ED (OEL TWA) [1]	241 mg/m³

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Isobutyl acetate (110-19-0)	Isobutyl acetate (110-19-0)		
VLA-ED (OEL TWA) [2]	50 ppm		
VLA-EC (OEL STEL)	723 mg/m ³		
VLA-EC (OEL STEL) [ppm]	150 ppm		
Sweden - Occupational Exposure Limits			
NGV (OEL TWA)	241 mg/m ³ (Butyl acetates)		
NGV (OEL TWA) [ppm]	50 ppm (Butyl acetates)		
KTV (OEL STEL)	723 mg/m³ (Butyl acetates)		
KTV (OEL STEL) [ppm]	150 ppm (Butyl acetates)		
United Kingdom - Occupational Exposure Limits			
WEL TWA (OEL TWA) [1]	724 mg/m ³		
WEL TWA (OEL TWA) [2]	150 ppm		
WEL STEL (OEL STEL)	903 mg/m ³		
WEL STEL (OEL STEL) [ppm]	187 ppm		
Norway - Occupational Exposure Limits			
Grenseverdi (OEL TWA) [1]	241 mg/m ³		
Grenseverdi (OEL TWA) [2]	50 ppm		
Korttidsverdi (OEL STEL)	723 mg/m³ (value from the regulation)		
Korttidsverdi (OEL STEL) [ppm]	150 ppm (value from the regulation)		
Switzerland - Occupational Exposure Limits			
MAK (OEL TWA) [1]	240 mg/m ³		
MAK (OEL TWA) [2]	50 ppm		
KZGW (OEL STEL)	720 mg/m ³		
KZGW (OEL STEL) [ppm]	150 ppm		
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL TWA [ppm]	50 ppm (Butyl acetates, all isomers)		
ACGIH OEL STEL [ppm]	150 ppm (Butyl acetates, all isomers)		
Dipropylene glycol monomethyl ether (34590-	94-8)		
EU - Indicative Occupational Exposure Limit (IOEL)			
IOEL TWA	308 mg/m ³		
IOEL TWA [ppm]	50 ppm		
Remark	Possibility of significant uptake through the skin		
Austria - Occupational Exposure Limits			
MAK (OEL TWA)	307 mg/m ³ (mixed isomers)		
MAK (OEL TWA) [ppm]	50 ppm (mixed isomers)		
MAK (OEL STEL)	614 mg/m ³ (isomers mixtures)		
MAK (OEL STEL) [ppm]	100 ppm (isomers mixtures)		
OEL chemical category	Skin notation		
Belgium - Occupational Exposure Limits			
OEL TWA	308 mg/m ³		
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Dipropylene glycol monomethyl ether (34590-94-8)			
OEL TWA [ppm]	50 ppm		
OEL chemical category	Skin, Skin notation		
Bulgaria - Occupational Exposure Limits			
OEL TWA	308 mg/m ³		
OEL TWA [ppm]	50 ppm		
Croatia - Occupational Exposure Limits			
GVI (OEL TWA) [1]	308 mg/m³		
GVI (OEL TWA) [2]	50 ppm		
OEL chemical category	Skin notation		
Cyprus - Occupational Exposure Limits			
OEL TWA	308 mg/m³		
OEL TWA [ppm]	50 ppm		
OEL chemical category	Skin-potential for cutaneous absorption		
Czech Republic - Occupational Exposure Limits			
PEL (OEL TWA)	270 mg/m³		
OEL chemical category	Potential for cutaneous absorption		
Denmark - Occupational Exposure Limits			
OEL TWA [1]	309 mg/m ³		
OEL TWA [2]	50 ppm		
OEL STEL	618 mg/m³		
OEL STEL [ppm]	100 ppm		
OEL chemical category	Potential for cutaneous absorption		
Estonia - Occupational Exposure Limits			
OEL TWA	308 mg/m ³		
OEL TWA [ppm]	50 ppm		
OEL chemical category	Skin notation		
Finland - Occupational Exposure Limits			
HTP (OEL TWA) [1]	310 mg/m ³		
HTP (OEL TWA) [2]	50 ppm		
OEL chemical category	Potential for cutaneous absorption		
France - Occupational Exposure Limits	France - Occupational Exposure Limits		
VME (OEL TWA)	308 mg/m ³ (restrictive limit)		
VME (OEL TWA) [ppm]	50 ppm (restrictive limit)		
OEL chemical category	Risk of cutaneous absorption		
Germany - Occupational Exposure Limits (TRGS 900)			
AGW (OEL TWA) [1]	310 mg/m ³ (isomer mixture)		
AGW (OEL TWA) [2]	50 ppm (isomer mixture)		
Gibraltar - Occupational Exposure Limits			
OEL TWA	308 mg/m ³		

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Dipropylene glycol monomethyl ether (34590-	Dipropylene glycol monomethyl ether (34590-94-8)	
OEL TWA [ppm]	50 ppm	
OEL chemical category	Skin notation	
Greece - Occupational Exposure Limits	·	
OEL TWA	600 mg/m ³	
OEL TWA [ppm]	100 ppm	
OEL STEL	900 mg/m³	
OEL STEL [ppm]	150 ppm	
OEL chemical category	skin - potential for cutaneous absorption	
Hungary - Occupational Exposure Limits		
AK (OEL TWA)	308 mg/m ³	
Ireland - Occupational Exposure Limits		
OEL TWA [1]	308 mg/m ³ ((2-Methoxymethylethoxy)propanol)	
OEL TWA [2]	50 ppm ((2-Methoxymethylethoxy)propanol)	
OEL STEL	924 mg/m ³ (calculated (2-(2-Methoxypropoxy)-1-propanol)	
OEL STEL [ppm]	150 ppm (calculated (2-(2-Methoxypropoxy)-1-propanol)	
OEL chemical category	Potential for cutaneous absorption	
Italy - Occupational Exposure Limits		
OEL TWA	308 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL chemical category	skin - potential for cutaneous absorption	
Latvia - Occupational Exposure Limits		
OEL TWA	308 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL chemical category	skin - potential for cutaneous exposure	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	300 mg/m ³ (2-(2-Methoxypropoxy)-propanol)	
IPRV (OEL TWA) [ppm]	50 ppm (2-(2-Methoxypropoxy)-propanol)	
TPRV (OEL STEL)	450 mg/m ³ (2-(2-Methoxypropoxy)-propanol)	
TPRV (OEL STEL) [ppm]	75 ppm (2-(2-Methoxypropoxy)-propanol)	
OEL chemical category	Skin notation	
Luxembourg - Occupational Exposure Limits		
OEL TWA	308 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL chemical category	Possibility of significant uptake through the skin	
Malta - Occupational Exposure Limits		
OEL TWA	308 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL chemical category	Possibility of significant uptake through the skin	

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Dipropylene glycol monomethyl ether (34590	Dipropylene glycol monomethyl ether (34590-94-8)		
Netherlands - Occupational Exposure Limits			
TGG-8u (OEL TWA)	300 mg/m ³		
TGG-8u (OEL TWA) [ppm]	48.7 ppm		
Poland - Occupational Exposure Limits			
NDS (OEL TWA)	240 mg/m ³ (mixture of isomers: 1-(2-Methoxy-1-methylethoxy)propan-2-ol, 1-(2-Methoxy- 2-methylethoxy)propan-2-ol and 2-(2-Methoxy-1-methylethoxy)propan-1-ol)		
NDSCh (OEL STEL)	480 mg/m ³ (mixture of isomers: 1-(2-Methoxy-1-methylethoxy)propan-2-ol, 1-(2-Methoxy- 2-methylethoxy)propan-2-ol, 2-(2-Methoxy-1-methylethoxy)propan-1-ol)		
Portugal - Occupational Exposure Limits			
OEL TWA	308 mg/m ³ (indicative limit value)		
OEL TWA [ppm]	50 ppm (indicative limit value)		
OEL STEL [ppm]	150 ppm		
OEL chemical category	skin - potential for cutaneous exposure indicative limit value		
Romania - Occupational Exposure Limits	•		
OEL TWA	308 mg/m ³		
OEL TWA [ppm]	50 ppm		
OEL chemical category	Skin notation		
Slovakia - Occupational Exposure Limits			
NPHV (OEL TWA) [1]	308 mg/m ³		
NPHV (OEL TWA) [2]	50 ppm		
OEL chemical category	Potential for cutaneous absorption		
Slovenia - Occupational Exposure Limits			
OEL TWA	308 mg/m ³		
OEL TWA [ppm]	50 ppm		
OEL STEL	308 mg/m ³		
OEL STEL [ppm]	50 ppm		
OEL chemical category	Potential for cutaneous absorption		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA) [1]	308 mg/m ³ (indicative limit value)		
VLA-ED (OEL TWA) [2]	50 ppm (indicative limit value)		
OEL chemical category	skin - potential for cutaneous absorption		
Sweden - Occupational Exposure Limits			
NGV (OEL TWA)	300 mg/m ³		
NGV (OEL TWA) [ppm]	50 ppm		
KTV (OEL STEL)	450 mg/m³		
KTV (OEL STEL) [ppm]	75 ppm		
OEL chemical category	Skin notation		
United Kingdom - Occupational Exposure Limits			
WEL TWA (OEL TWA) [1]	308 mg/m ³		
WEL TWA (OEL TWA) [2]	50 ppm		
	1		

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Dipropylene glycol monomethyl ether (34590-94-8)		
WEL STEL (OEL STEL)	924 mg/m ³ (calculated)	
WEL STEL (OEL STEL) [ppm]	150 ppm (calculated)	
WEL chemical category	Potential for cutaneous absorption	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	300 mg/m ³	
Grenseverdi (OEL TWA) [2]	50 ppm	
Korttidsverdi (OEL STEL)	375 mg/m ³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	75 ppm (value calculated)	
OEL chemical category	Skin notation	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	300 mg/m³ (aerosol, vapour)	
MAK (OEL TWA) [2]	50 ppm (aerosol, vapour)	
KZGW (OEL STEL)	300 mg/m ³ (aerosol, vapour)	
KZGW (OEL STEL) [ppm]	50 ppm (aerosol, vapour)	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	50 ppm (Dipropylene glycol methyl ether)	
.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	

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.alphaPinene (80-56-8)		
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/m³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)	
OEL chemical category	Skin notation	
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	
.betaPinene (127-91-3)		
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	

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

.betaPinene (127-91-3)		
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/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)	
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	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or safety glasses. Safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: Wear protective gloves.

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

Environmental exposure controls:

Avoid release to the environment.

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	: Conforms to standard. light yellow. amber.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 96 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

Acute toxicity (dermal) : Not classified	11.1. Information on hazard classes as defined	in Regulation (EC) No 1272/2008	
LD50 oral rat5 g/kg (Source: NLM_CIP)LD50 oral370 mg/kg bodyweightLD50 dermal rabbit> 5000 mg/kg (Source: CHEMVIEW)Cinnamic aldehyde (104-55-2)LD50 oral rat2200 mg/kg (Source: NLM_CIP)LD50 oral rat2200 mg/kg (Source: EPA_HPV)LD50 dermal rabbit1260 mg/kg (Source: EPA_HPV)LD50 dermal rabbit1100 mg/kg (Source: NLM_CIP)LD50 oral rat1200 mg/kg (Source: NLM_CIP)LD50 oral rat1230 mg/kg (Source: NLM_CIP)LD50 oral rat1230 mg/kg (Source: NLM_CIP)LD50 oral rat1620 mg/kg bodyweightLD50 oral rat5010 mg/kg (Source: OECD_SIDS)LD50 oral rat> 5010 mg/kg (Source: CECD_SIDS)LD50 oral rat> 5000 mg/kg (Source: CECD_SIDS)LD50 oral rat> 5000 mg/kg (Source: CECD_SIDS)LD50 oral rat> 5000 mg/kg (Source: SIAPAN_GHS)LD50 oral rat> 5000 mg/kg (Source: IAPAN_GHS)LD50 oral rat> 5000 mg/kg (Source: ICHA_API)Benzyl benzoate (120-51-4)200 mg/kg (Source: IAPAN_GHS)LD50 oral rat500 mg/kg (Source: ICHA_API)Benzyl benzoate (120-51-4)500 mg/kg (Source: INLM_CIP)LD50 oral rat500 mg/kg (Source: NLM_CIP)LD50 oral ratk500 mg/kg (Source: NLM_CIP)LD50 oral ratk <t< td=""><td>Acute toxicity (dermal) :</td><td>Not classified</td></t<>	Acute toxicity (dermal) :	Not classified	
LD50 oral 3370 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg (Source: CHEMVIEW) Cinnamic aldehyde (104-55-2) LD50 oral rat 2220 mg/kg (Source: NLM_CIP) LD50 oral rat 2200 mg/kg (Source: EPA_HPV) LD50 dermal rabbit 1260 mg/kg (Source: EPA_HPV) LD50 dermal 1000 mg/kg (Source: NLM_CIP) LD50 dermal 1230 mg/kg (Source: NLM_CIP) LD50 oral rat 1200 mg/kg (Source: NLM_CIP) LD50 dermal 5010 mg/kg (Source: OECD_SIDS) LD50 dermal rabbit > 5010 mg/kg (Source: JAPAN_GHS) LD50 oral rat 2000 mg/kg (Source: JAPAN_GHS) LD50 oral rat 2000 mg/kg (Source: SLAPAN_GHS) LD50 oral rat 200 mg/kg (Source: NLM_CIP) LD50 oral rat 200 mg/kg (Source: NLM_CIP) LD50 oral rat 500 mg/kg (Source: NLM_CIP) LD50 oral rat 1000 mg/kg (Source: NLM_CIP) LD50 oral rat 0000 mg/kg (Source: NLM_CIP) LD50 oral rat <td>Vertenex (32210-23-4)</td> <td></td>	Vertenex (32210-23-4)		
LD50 dermal rabbit> 5000 mg/kg (Source: CHEMVIEW)Cinnamic aldehyde (104-55-2)LD50 oral rat2220 mg/kg (Source: NLM_CIP)LD50 dormal rabbit2200 mg/kg bodyweightLD50 dermal rabbit1260 mg/kg (Source: EPA_HPV)LD50 dermal rabbit1100 mg/kg bodyweightLD50 dermal1100 mg/kg (Source: NLM_CIP)LD50 dermal1230 mg/kg (Source: NLM_CIP)LD50 dermal1230 mg/kg (Source: NLM_CIP)LD50 dermal1620 mg/kg bodyweightLD50 dermal5000 mg/kg bodyweightLD50 dermal5000 mg/kg bodyweightLD50 dermal rabbit> 5010 mg/kg (Source: OECD_SIDS)LD50 dermal rabbit290 mg/kg lodyweightLD50 dermal rabbit> 5000 mg/kg (Source: JAPAN_GHS)LD50 oral rat290 mg/kg lodyweightLD50 oral rat5000 mg/kg (Source: SLA_API)Benzyl benzoate (120-51-4)290 mg/kg (Source: NLM_CIP)LD50 oral rat500 mg/kg (Source: NLM_CIP)LD50 oral rat500 mg/kg (Source: NLM_CIP)LD50 oral rat600 mg/kg (Source: NLM_CIP)Ethyl lactate (97-64-3)200 mg/kg (Source: NLM_CIP)LD50 oral rat800 mg/kg (Source: NLM_CIP)	LD50 oral rat	5 g/kg (Source: NLM_CIP)	
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LD50 dermal2600 mg/kg bodyweightCOUMARIN (91-64-5)LD50 oral rat> 5000 mg/kg (Source: JAPAN_GHS)LD50 oral rat290 mg/kg bodyweightLD50 oral rat293 mg/kg (Source: ECHA_API)Benzyl benzoate (120-51-4)LD50 oral rat500 mg/kg (Source: NLM_CIP)LD50 oral rat500 mg/kg (Source: NLM_CIP)LD50 oral rat4000 mg/kg (Source: NLM_CIP)Ethyl lactate (97-64-3)8200 mg/kg (Source: NLM_CIP)	Vanillin (121-33-5)		
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LD50 oral rat> 5000 mg/kg (Source: JAPAN_GHS)LD50 oral290 mg/kg bodyweightLD50 dermal rat293 mg/kg (Source: ECHA_API)Benzyl benzoate (120-51-4)LD50 oral rat500 mg/kg (Source: NLM_CIP)LD50 oral rat500 mg/kg (Source: NLM_CIP)LD50 dermal rabbit4000 mg/kg (Source: NLM_CIP)Ethyl lactate (97-64-3)LD50 oral rat8200 mg/kg (Source: NLM_CIP)	LD50 dermal	2600 mg/kg bodyweight	
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LD50 oral 1160 mg/kg bodyweight LD50 dermal rabbit 4000 mg/kg (Source: NLM_CIP) Ethyl lactate (97-64-3) LD50 oral rat 8200 mg/kg (Source: NLM_CIP)	Benzyl benzoate (120-51-4)		
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Ethyl lactate (97-64-3) LD50 oral rat 8200 mg/kg (Source: NLM_CIP)	LD50 oral	1160 mg/kg bodyweight	
LD50 oral rat 8200 mg/kg (Source: NLM_CIP)	LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)	
	Ethyl lactate (97-64-3)		
LD50 oral 2500 mg/kg bodyweight	LD50 oral rat	8200 mg/kg (Source: NLM_CIP)	
	LD50 oral	2500 mg/kg bodyweight	

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Ethyl lactate (97-64-3)		
LD50 dermal rabbit	> 5 g/kg (Source: NLM_HSDB)	
1,2-Propanediol (57-55-6)		
LD50 oral rat	20 g/kg (Source: NLM_CIP)	
LD50 dermal rabbit	20800 mg/kg (Source: NLM_CIP)	
Oenanthic ether (Ethyl heptanoate) (106-30-9)		
LD50 oral rat	> 34640 mg/kg (Source: NLM_CIP)	
Furfural (98-01-1)		
LD50 oral rat	125 mg/kg (Source: JAPAN_GHS)	
LD50 oral	100 mg/kg bodyweight	
LD50 dermal rabbit	500 – 1000 mg/kg (Source: JAPAN_GHS)	
LD50 dermal	1100 mg/kg bodyweight	
LC50 Inhalation - Rat	756 mg/m³ (Exposure time: 1 h Source: WHO)	
LC50 Inhalation - Rat (Vapours)	1 mg/l/4h	
Isobutyl acetate (110-19-0)		
LD50 oral rat	15400 mg/kg (Source: JAPAN_GHS)	
LD50 dermal rabbit	> 17400 mg/kg (Source: NLM_CIP)	
3(2H)-Furanone, 4-hydroxy-2,5-dimethyl- (3658-77-3)		
LD50 oral	1608 mg/kg bodyweight	
Dipropylene glycol monomethyl ether (34590-	94-8)	
LD50 oral rat	5.35 g/kg (Source: NLM_HSDB)	
LD50 dermal rabbit	9500 mg/kg (Source: NLM_CIP)	
.alphaPinene (80-56-8)		
LD50 oral rat	3700 mg/kg (Source: NLM_CIP)	
LD50 oral	500 mg/kg bodyweight	
LD50 dermal rat	> 5000 mg/kg (Source: CHEMVIEW)	
.betaPinene (127-91-3)		
LD50 oral rat	> 5000 mg/kg (Source: EPA_HPV)	
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)	
Skin corrosion/irritation :	Causes skin irritation.	
· -	Causes serious eye irritation.	
	May cause an allergic skin reaction.	
0 1	Not classified	
<u> </u>	Not classified	
COUMARIN (91-64-5)	2. Nat alagaifishin	
IARC group	3 - Not classifiable	
Furfural (98-01-1)		
IARC group	3 - Not classifiable	
,	Not classified Not classified	

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Ethyl lactate (97-64-3)		
STOT-single exposure	May cause respiratory irritation.	
Furfural (98-01-1)		
STOT-single exposure	May cause respiratory irritation.	
Isobutyl acetate (110-19-0)		
STOT-single exposure	May cause drowsiness or dizziness.	
STOT-repeated exposure :	Not classified	
Aspiration hazard :	Not classified	
Benzyl benzoate (120-51-4)		
Viscosity, kinematic	7.456 mm²/s	
11.2. Information on other hazards		
11.2.1. Endocrine disrupting properties		
No additional information available		

11.2.2. Other information

Potential adverse human health effects and : Based on available data, the classification criteria are not met symptoms

SECTION 12: Ecological information

12.1. Toxicity

rpio [semi-static] Source: ECHA)
rpio [semi-static] Source: ECHA)
rpio [semi-static] Source: ECHA)
rpio [semi-static] Source: ECHA)
promelas [static] Source: EPA)
crochirus [static] Source: EPA)
bhales promelas [flow-through]
promelas [static] Source: EPA)
enia foetida [soil dry weight])
[semi-static] Source: ECHA)
nchus mykiss [static] Source: IUCLID)

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1,2-Propanediol (57-55-6)		
LC50 - Fish [2]	41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA	
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])	
EC50 96h - Algae [1]	19000 mg/l (Species: Pseudokirchneriella subcapitata)	
Furfural (98-01-1)		
LC50 - Fish [1]	13.4 – 19.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)	
LC50 - Fish [2]	16.79 – 26.35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
Isobutyl acetate (110-19-0)		
LC50 - Fish [1]	17 mg/l (Exposure time: 96 h - Species: Oryzias latipes Source: ECHA)	
Dipropylene glycol monomethyl ether (34590-94-8)		
LC50 - Fish [1]	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 - Crustacea [1]	1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
.alphaPinene (80-56-8)		
LC50 - Fish [1]	0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID	
EC50 - Crustacea [1]	41 mg/l (Exposure time: 48 h - Species: Daphnia magna)	

12.2. Persistence and degradability

GILDED WHITE PUMPKIN CC-16433	
Persistence and degradability Not established.	
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

GILDED WHITE PUMPKIN CC-16433		
Bioaccumulative potential	Not established.	
Vertenex (32210-23-4)		
Partition coefficient n-octanol/water (Log Pow)	4.8 (at 25 °C)	
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	
Vanillin (121-33-5)		
Partition coefficient n-octanol/water (Log Pow)	1.23 (at 22 °C)	
Benzyl benzoate (120-51-4)		
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)	
Bioaccumulative potential	Not established.	

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Ethyl lactate (97-64-3)				
Partition coefficient n-octanol/water (Log Pow)	0.7 (at 25 °C (at pH >2-<8)			
1,2-Propanediol (57-55-6)				
BCF - Fish [1]	(1 dimensionless)			
Partition coefficient n-octanol/water (Log Pow)	-1.07 (at 20.5 °C (at pH >=6.2-<=6.4)			
Oenanthic ether (Ethyl heptanoate) (106-30-9)			
Partition coefficient n-octanol/water (Log Pow)	3.98 (at 35 °C (at pH 7)			
Furfural (98-01-1)				
Partition coefficient n-octanol/water (Log Pow)	0.67			
Isobutyl acetate (110-19-0)				
BCF - Fish [1]	(no significant bioconcentration)			
Partition coefficient n-octanol/water (Log Pow)	2.3 (at 25 °C (at pH 7)			
3(2H)-Furanone, 4-hydroxy-2,5-dimethyl- (365	i8-77-3)			
Partition coefficient n-octanol/water (Log Pow)	0.95 (at 20 °C (at pH 2.5)			
Dipropylene glycol monomethyl ether (34590	-94-8)			
Partition coefficient n-octanol/water (Log Pow) 0.35 (at 25 °C (at pH 7)				
.alphaPinene (80-56-8)				
Partition coefficient n-octanol/water (Log Pow)	4.1			
12.4. Mobility in soil				
No additional information available				
12.5. Results of PBT and vPvB assessment				
No additional information available				
12.6. Endocrine disrupting properties				
No additional information available				
12.7. Other adverse effects				
Additional information :	Avoid release to the environment.			
SECTION 13: Disposal considerations				

13.1. Waste treatment methods	
Waste treatment methods Product/Packaging disposal recommendations Ecology - waste materials	 Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

HP Code

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: HP3 - "Flammable:"
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- 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 \leq 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.

SECTION 14: Transport information

n accordance with ADR / IMDG / IATA / ADN / RID					
ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1. UN number or ID n	umber				
Not applicable	Not applicable	Not applicable Not applicable		Not applicable	
14.2. UN proper shippin	g 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 haz	zards	· · · · · ·			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
No supplementary informatic	n available	1			

14.6. Special precautions for user

Overland transport Not applicable

Transport by sea Not applicable

Air transport Not applicable

Inland waterway transport Not applicable

Rail transport Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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)	Ethyl lactate ; Oenanthic ether (Ethyl heptanoate) ; Furfural ; Isobutyl acetate ; .alphaPinene ; .beta Pinene	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)	GILDED WHITE PUMPKIN CC-16433 ; Vertenex ; Cinnamic aldehyde ; Benzyl alcohol ; Benzyl benzoate ; Ethyl lactate ; Furfural ; Isobutyl acetate ; 3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-	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)	Cinnamic aldehyde ; Benzyl benzoate ; Oenanthic ether (Ethyl heptanoate) ; Furfural	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.	Ethyl lactate ; Oenanthic ether (Ethyl heptanoate) ; Furfural ; Isobutyl acetate ; .alphaPinene ; .beta Pinene	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 74	Occupational disorders caused by furfural and furfuryl alcohol		
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) Storage class (LGK, TRGS 510)	: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1). : LGK 10 - 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 Joint storage with restrictions permitted for Joint storage permitted for List of sensitizing substances (TRGS 907)	: LGK 4.1A, LC : LGK 2B, LGK LGK 10, LGI : Contains sen	GK 4.2, LGK 4. (3, LGK 4.1B, (11, LGK 12, sitizing substa	LGK 13, LGK 10 nces according	6K 5.1C, LGK 5 6.1B, LGK 6.10 -13. FRGS 907.	C, LGK 6.1D, LGK	• (8A, LGK 8
Hazardous Incident Ordinance (12. BImSchV)	: Is not subjec	t of the Hazard	dous Incident Or	dinance (12. Bl	mSchV)	
Netherlands						
ABM category	: A(3) - hazardous for aquatic organisms, may have longterm hazardous effects in aquatic environment					
SZW-lijst van kankerverwekkende stoffen SZW-lijst van mutagene stoffen SZW-lijst van reprotoxische stoffen – Borstvoeding SZW-lijst van reprotoxische stoffen – Vruchtbaarheid SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the : None of the : None of the cou : None of the cou : None of the cou	components an mponents are l components ar	re listed listed re listed			
Denmark	. None of the t		elisted			
Class for fire hazard Store unit Classification remarks Danish National Regulations	for the storage : Young people	ge of flammable below the ag	le liquids must b e of 18 years are	e followed e not allowed to	ergency manager use the product nust not be in dire	-
Switzerland						
Storage class (LK)	: LK 10/12 - Li	quids				

No chemical safety assessment has been carried out

SECTION 16: Other infor	mation
Other information	: None.

Safety Data Sheet

Full text of H- and EUH	H-statements:
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (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
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
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
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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.