

Product: PUMPKIN PIE (MELOMAKARONO) FRAGRANCE

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY	
1.1 Product Identifier Product Identifier/ No: UFI:	PUMPKIN PIE (MELOMAKARONO) T5E6-K1SR-H00V-H1FQ
1.2 Relevant identified uses of the mixture and uses advised against:	Perfuming agent for finished consumer products. Not for personal use in this form or concentration.
1.3 Details of the supplier of the safety data sheet:	EK Evolve Services Ltd Warehouse 6, Block B, 26 Gianni Koromia 1028 Kaimakli, Nicosia, CYPRUS Phone: +357 22770035 E-Mail: info@candlesuppliescyprus.com
1.4 Emergency telephone number:	+357 22770035 Emergency consultation (GR/EN) during office hours Monday to Friday 09:00 - 17:00 (GMT+3)

2. HAZARD IDENTIFICATION	
2.1 Classification of the substance or mixture	
2.1.1 Classification according to Regulation (EC) No 1272/2008:	
Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411 Full text of H-statements: see section 16
2.1.2 Adverse physicochemical, human health and environmental effects	
Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.	
2.2 Label elements	

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<p>2.2.1 Hazard pictograms:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>GHS07</p> </div> <div style="text-align: center;">  <p>GHS09</p> </div> </div>	
2.2.2 Signal word	Warning
<p>2.2.3 Contains</p> <p>Benzyl benzoate; Cinnamic aldehyde; Eugenol; COUMARIN; Phenylethyl alcohol; Heliotropine; Amyl cinnamic aldehyde; Ethyl maltol; 1,2-Cyclopentanedione, 3-methyl-; Acetyl Propionyl; beta-Caryophyllene</p> <p>2.2.4 Hazard statements:</p> <p>H302 - Harmful if swallowed. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.</p>	
<p>2.2.5 Precautionary statements</p> <p>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.</p>	
<p>2.3 Other Hazards</p> <p>For professional users only.</p>	

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	27.5 – 55	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	8.5075 – 17.03	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412

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Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802-33	3.1625 – 6.4	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	2.5 – 5	Eye Irrit. 2, H319
COUMARIN	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756-26	1.9 – 3.8	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Phenylethyl alcohol	CAS-No.: 60-12-8 EC-No.: 200-456-2 REACH-no: 01-2119963921-31	1.375 – 2.75	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Terpineol	CAS-No.: 8000-41-7 EC-No.: 232-268-1	0.875 – 1.75	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Anisic aldehyde	CAS-No.: 123-11-5 EC-No.: 204-602-6 REACH-no: 01-2119977101-43	0.75 – 1.5	Aquatic Chronic 3, H412
Heliotropine	CAS-No.: 120-57-0 EC-No.: 204-409-7 REACH-no: 01-2119983608-21	0.625 – 1.25	Skin Sens. 1B, H317
Amyl cinnamic aldehyde	CAS-No.: 122-40-7 EC-No.: 204-541-5	0.5 – 1	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Ethyl maltol	CAS-No.: 4940-11-8 EC-No.: 225-582-5	0.5 – 1	Acute Tox. 4 (Oral), H302
1,2-Cyclopentanedione, 3-methyl-	CAS-No.: 765-70-8 EC-No.: 212-154-8	0.25 – 0.5	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317

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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	0.25 – 0.5	Acute Tox. 4 (Oral), H302
acetyl propionyl substance with national workplace exposure limit(s) (DE, SI, CH)	CAS-No.: 600-14-6 EC-No.: 209-984-8	0.25 – 0.5	Flam. Liq. 2, H225 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT RE 2, H373
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	0.2 – 0.4	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
beta-Caryophyllene	CAS-No.: 87-44-5 EC-No.: 201-746-1 REACH-no: 01-2120745237-53	0.0825 – 0.24	Skin Sens. 1B, H317 Asp. Tox. 1, H304
.alpha.-Pinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 80-56-8 EC-No.: 201-291-9	0.01 – 0.053	Flam. Liq. 3, H226
.beta.-Pinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 127-91-3 EC-No.: 204-872-5	0.01 – 0.053	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	0.005 – 0.023	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	0.001 – 0.01	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

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4. FIRST AID MEASURES	
4.1 Description of first aid measures	
First-aid measures general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: 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 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. Call a poison center or a doctor if you feel unwell.
4.2 Most important symptoms and effects, both acute and delayed	
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
4.3 Indication of immediate medical attention and special treatment needed	
Treat symptomatically.	
5. FIREFIGHTING MEASURES	
5.1 Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2 Special hazard arising from the substance or mixture	
Hazardous decomposition products in case of fire: Toxic fumes may be released.	
5.3 Advice for fire-fighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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.



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

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6.1.2 For emergency personnel:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2 Environmental precautions	
Avoid release to the environment.	
6.3 Methods and material for containment and cleaning up	
Collect spillage. Take up liquid spill into absorbent material.	
6.4 Other information:	Dispose of materials or solid residues at an authorized site.
6.4 Reference to other sections:	For further information refer to section 13.

7. HANDLING AND STORAGE	
7.1 Precautions for safe handling	
Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.	
7.1.2 Advice on general occupational hygiene:	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 any incompatibilities	
Storage conditions	: Store in a well-ventilated place. Keep cool.
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)	

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No additional information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

8.1.1 National occupational exposure and biological limit values

Benzaldehyde (100-52-7)

Bulgaria - Occupational Exposure Limits

OEL TWA	5 mg/m ³
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Finland - Occupational Exposure Limits

HTP (OEL TWA) [1]	4.4 mg/m ³
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HTP (OEL TWA) [2]	1 ppm
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HTP (OEL C)	17.4 mg/m ³
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HTP (OEL C) [ppm]	4 ppm
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Hungary - Occupational Exposure Limits

AK (OEL TWA)	5 mg/m ³
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CK (OEL STEL)	10 mg/m ³
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Latvia - Occupational Exposure Limits

OEL TWA	5 mg/m ³
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Benzaldehyde (100-52-7)

Lithuania - Occupational Exposure Limits

IPRV (OEL TWA)	5 mg/m ³
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Poland - Occupational Exposure Limits

NDS (OEL TWA)	10 mg/m ³
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NDSch (OEL STEL)	40 mg/m ³
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acetyl propionyl (600-14-6)

Germany - Occupational Exposure Limits (TRGS 900)

AGW (OEL TWA) [1]	0.083 mg/m ³
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AGW (OEL TWA) [2]	0.02 ppm
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Chemical category	Skin notation, Skin sensitization
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Slovenia - Occupational Exposure Limits

OEL TWA	0.083 mg/m ³
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OEL TWA [ppm]	0.02 ppm
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OEL STEL	0.083 mg/m ³
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OEL STEL [ppm]	0.02 ppm
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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	
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 900)		
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/m ³	
Benzyl alcohol (100-51-6)		
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m ³	
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)	

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MAK (OEL TWA) [2]	5 ppm (aerosol, vapour)	
OEL chemical category	Skin notation	
d-Limonene (5989-27-5)		
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	140 mg/m ³	
HTP (OEL TWA) [2]	25 ppm	
HTP (OEL STEL)	280 mg/m ³	
HTP (OEL STEL) [ppm]	50 ppm	
Germany - Occupational Exposure Limits (TRGS 900)		
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/m ³	
OEL TWA [ppm]	5 ppm	
OEL STEL	112 mg/m ³	
OEL STEL [ppm]	20 ppm	
OEL chemical category	Potential for cutaneous absorption	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	168 mg/m ³	
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/m ³	
d-Limonene (5989-27-5)		
Grenseverdi (OEL TWA) [2]	25 ppm	
Korttidssverdi (OEL STEL)	175 mg/m ³ (value calculated)	
Korttidssverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)	
OEL chemical category	Allergenic substance	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	40 mg/m ³	
MAK (OEL TWA) [2]	7 ppm	
KZGW (OEL STEL)	80 mg/m ³	
KZGW (OEL STEL) [ppm]	14 ppm	
OEL chemical category	Sensitizer	

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.alpha.-Pinene (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	
.alpha.-Pinene (80-56-8)		
Norway - Occupational Exposure Limits		
Grønseverdi (OEL TWA) [1]	140 mg/m ³	
Grønseverdi (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		

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ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer	
.beta.-Pinene (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	
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	
.beta.-Pinene (127-91-3)		
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)	

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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)	
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/m ³	
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/m ³	
KTV (OEL STEL) [ppm]	35 ppm	
<p>8.1.2. Recommended monitoring procedures No additional information available</p> <p>8.1.3. Air contaminants formed No additional information available</p> <p>8.1.4. DNEL and PNEC No additional information available</p> <p>8.1.5. Control banding No additional information available</p>		
8.2 Exposure controls		

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8.2.1 Engineering measures

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2 Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1 Eye and face protection

Eye protection:

Safety glasses

8.2.2.2 Skin protection Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear protective gloves

8.2.2.3 Respiratory protection Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4 Thermal hazards

No additional information available

8.2.3 Environmental exposure controls Environmental exposure controls:

Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State of aggregation: liquid

Color: Light yellow. Amber. Conforms to standard.

Odor: Characteristic

Odor threshold: No data available

pH: No data available

Melting point: Not applicable

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Freezing point:	No data available
Boiling point:	No data available
Flammability	Not applicable
Explosive limits:	Not available
Lower explosion limit:	Not available
Upper explosion limit:	Not available
Flash point (°C):	> 93 °C (closed cup) ASTM D7094
Auto Ignition temperature (°C):	Not available
Decomposition temperature (°C):	Not available
pH	Not available
Vapor pressure:	Not available
Relative vapor density at 50 °C:	Not available
Density:	Not available
Relative density:	≈ 1.109
Viscosity, kinematic:	Not available
Solubility:	Not available
Relative vapour density at 20°C:	Not available
Particle characteristics:	Not applicable
9.2 Other information	No additional information available

10. STABILITY AND REACTIVITY

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

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10.2 Chemical Stability:	Stable under normal conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use.
10.4 Conditions to avoid:	None under recommended storage and handling conditions (see section 7).
10.5 Incompatible materials:	No additional information available.
10.6 Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes according to Regulation (EC) No 1272/2008

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

ATE CLP (oral)	650.123 mg/kg bodyweight
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Benzyl benzoate (120-51-4)

LD50 oral rat	500 mg/kg (Source: NLM_CIP)
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LD50 oral	1160 mg/kg bodyweight
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LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)
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Cinnamic aldehyde (104-55-2)

LD50 oral rat	2220 mg/kg (Source: NLM_CIP)
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LD50 oral	2200 mg/kg bodyweight
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LD50 dermal rabbit	1260 mg/kg (Source: EPA_HPVP)
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LD50 dermal	1100 mg/kg bodyweight
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Eugenol (97-53-0)

LD50 oral rat	1930 mg/kg (Source: NZ_CCID)
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LD50 oral	2500 mg/kg bodyweight
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Ethyl vanillin (121-32-4)

LD50 oral rat	1590 mg/kg (Source: NLM_CIP)
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LD50 oral	3000 mg/kg bodyweight
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Product: PUMPKIN PIE (MELOMAKARONO) FRAGRANCE

LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
COUMARIN (91-64-5)		
LD50 oral rat	> 5000 mg/kg (Source: JAPAN_GHS)	
LD50 oral	290 mg/kg bodyweight	
LD50 dermal rat	293 mg/kg (Source: ECHA_API)	
Phenylethyl alcohol (60-12-8)		
LD50 oral rat	1609 mg/kg (Source: EPA_HPVS)	
LD50 oral	1610 mg/kg bodyweight	
LD50 dermal rabbit	2535 mg/kg (Source: EPA_HPVS)	
LD50 dermal	2500 mg/kg bodyweight	
LC50 Inhalation - Rat	> 4.63 mg/l/4h	
Terpineol (8000-41-7)		
LD50 oral rat	2900 mg/kg (Source: IUCLID)	
LD50 oral	4300 mg/kg bodyweight	
LD50 dermal rabbit	> 3000 mg/kg (Source: IUCLID)	
Anisic aldehyde (123-11-5)		
LD50 oral rat	> 2000 mg/kg (Source: OECD_SIDS)	
LD50 oral	3210 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg (Source: EPA_HPVS)	
LC50 Inhalation - Rat	> 0.32 mg/l (Exposure time: 7 h Source: OECD_SIDS)	
Heliotropine (120-57-0)		
LD50 oral rat	2700 mg/kg (Source: NLM_CIP)	
LD50 oral	2700 mg/kg bodyweight	
LD50 dermal rat	> 5000 mg/kg (Source: ECHA_API)	
Amyl cinnamic aldehyde (122-40-7)		
LD50 oral rat	3730 mg/kg (Source: CHEMVIEW)	
LD50 dermal rabbit	> 2000 mg/kg (Source: CHEMVIEW)	
Ethyl maltol (4940-11-8)		
LD50 oral rat	1150 mg/kg (Source: NLM_CIP)	
LD50 oral	1200 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)	
1,2-Cyclopentanedione, 3-methyl- (765-70-8)		
LD50 oral	1067 mg/kg bodyweight	
Benzaldehyde (100-52-7)		
LD50 oral rat	1292 mg/kg (Source: JAPAN_GHS)	
LD50 dermal rabbit	> 1250 mg/kg (Source: JAPAN_GHS)	

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acetyl propionyl (600-14-6)		
LD50 oral rat	3 g/kg (Source: NLM_CIP)	
LD50 oral	3000 mg/kg bodyweight	
LD50 dermal rabbit	> 2000 mg/kg (Source: NIOSH)	
LD50 dermal	2500 mg/kg bodyweight	
Benzyl alcohol (100-51-6)		
LD50 oral rat	1230 mg/kg (Source: NLM_CIP)	
LD50 oral	1620 mg/kg bodyweight	
LD50 dermal	2500 mg/kg bodyweight	
d-Limonene (5989-27-5)		
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)	
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)	
.alpha.-Pinene (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)	
.beta.-Pinene (127-91-3)		
LD50 oral rat	> 5000 mg/kg (Source: EPA_HP)	
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)	
p-Cymene (99-87-6)		
LD50 oral rat	4750 mg/kg (Source: NLM_CIP)	
LD50 oral	4750 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)	
LC50 Inhalation - Rat	> 9.7 mg/l (Exposure time: 5 h Source: EU_CLH)	
LC50 Inhalation - Rat (Vapours)	9.7 mg/l/4h	
Skin corrosion/irritation	: Causes skin irritation.	
Serious eye damage/irritation	: Causes serious eye irritation.	
Respiratory or skin sensitisation	: May cause an allergic skin reaction.	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Eugenol (97-53-0)		
IARC group	3 - Not classifiable	
COUMARIN (91-64-5)		
IARC group	3 - Not classifiable	
d-Limonene (5989-27-5)		
IARC group	3 - Not classifiable	
Reproductive toxicity	: Not classified	

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STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
acetyl propionyl (600-14-6)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure
Aspiration hazard	: Not classified
Benzyl benzoate (120-51-4)	
Viscosity, kinematic	7.456 mm ² /s
Heliotropine (120-57-0)	
Viscosity, kinematic	Not applicable
11.2 Information on other hazards	
11.2.1. Endocrine disrupting properties	
No additional information available	
11.2.2. Other information	
No additional information available	

12. ECOLOGICAL INFORMATION	
12.1 Toxicity:	
Ecology – general: Toxic to aquatic life with long lasting effects.	
Hazardous to the aquatic environment, short-term (acute): Not classified	
Hazardous to the aquatic environment, long-term (chronic): Toxic to aquatic life with long lasting effects.	
Benzyl benzoate (120-51-4)	
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] ECHA)
NOEC (chronic)	0.168 mg/l
Eugenol (97-53-0)	
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] ECHA)
Ethyl vanillin (121-32-4)	
LC50 - Fish [1]	81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales [flow-through] Source: EPA)
Phenylethyl alcohol (60-12-8)	
EC50 - Crustacea [1]	287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna)

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EC50 72h - Algae [1]	490 mg/l (Species: Desmodesmus subspicatus)	
Heliotropine (120-57-0)		
LC50 - Fish [1]	2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static] Source: ECHA)	
Ethyl maltol (4940-11-8)		
LC50 - Fish [1]	> 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: ECHA)	
Benzaldehyde (100-52-7)		
LC50 - Fish [1]	10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA)	
LC50 - Fish [2]	12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)	
Benzyl alcohol (100-51-6)		
LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)	
LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)	
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)	
d-Limonene (5989-27-5)		
LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)	
.alpha.-Pinene (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:		
Benzyl benzoate (120-51-4)		
Persistence and degradability	May cause long-term adverse effects in the environment.	
12.3 Bioaccumulative potential:		
Benzyl benzoate (120-51-4)		
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)	
Bioaccumulative potential	Not established.	
Cinnamic aldehyde (104-55-2)		
Partition coefficient n-octanol/water (Log Pow)	2.1065 (at 25 °C)	
Eugenol (97-53-0)		
Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5))	
Ethyl vanillin (121-32-4)		
Partition coefficient n-octanol/water (Log Pow)	1.61 (at 25 °C)	

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Phenylethyl alcohol (60-12-8)		
Partition coefficient n-octanol/water (Log Pow)	1.36 (at 20 °C (at pH 7)	
Anisic aldehyde (123-11-5)		
Partition coefficient n-octanol/water (Log Pow)	1.56 (at 25 °C (at pH >7.9-<8.25)	
Heliotropine (120-57-0)		
Partition coefficient n-octanol/water (Log Pow)	1.2 (at 35 °C)	
Amyl cinnamic aldehyde (122-40-7)		
Partition coefficient n-octanol/water (Log Pow)	2.498 (at 25 °C (at pH 6.2)	
Ethyl maltol (4940-11-8)		
Partition coefficient n-octanol/water (Log Pow)	2.9 (at 25 °C)	
Benzaldehyde (100-52-7)		
BCF - Fish [1]	(no significant bioaccumulation)	
Partition coefficient n-octanol/water (Log Pow)	1.4 (at 25 °C)	
Benzyl alcohol (100-51-6)		
Partition coefficient n-octanol/water (Log Pow)	1.05	
d-Limonene (5989-27-5)		
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)	
.alpha.-Pinene (80-56-8)		
Partition coefficient n-octanol/water (Log Pow)	4.1	
beta-Caryophyllene (87-44-5)		
Partition coefficient n-octanol/water (Log Pow)	6.23 (at 25 °C (at pH 7)	
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	
12.4 Mobility in soil:	No additional information available	
12.5 Results of PBT and vPvB assessment:	No additional information available	
12.6 Endocrine disrupting properties	No additional information available	



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12.7 Other adverse effects:	No additional information available
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13. DISPOSAL CONDITIONS
13.1 Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

HP Code : HP3 - "Flammable:"

- flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
- flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
- flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
- flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
- water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
- other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.

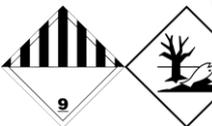
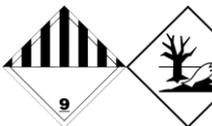
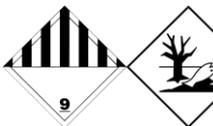
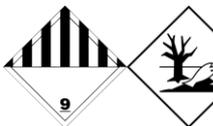
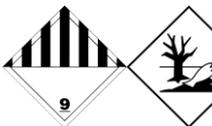
HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

14. TRANSPORT INFORMATION				
In accordance with ADR / IMDG / IATA / ADN / RID				
ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				

Product: PUMPKIN PIE (MELOMAKARONO) FRAGRANCE

UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name				
ENVIRONMEN TALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)	ENVIRONMEN TALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)	Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate)	ENVIRONMEN TALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)	ENVIRONMEN TALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)
Transport document description				
UN 3082 ENVIRONMEN TALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate) , 9, III, (-)	UN 3082 ENVIRONMEN TALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate), 9, III	UN 3082 ENVIRONMEN TALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoat e), 9, III	UN 3082 ENVIRONMEN TALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoat e), 9, III
14.3. Transport hazard class(es)				
9	9	9	9	9
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment : Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
ADR	IMDG	IATA	ADN	RID
No supplementary information available				
14.6 Special precautions for the user				
Overland transport				
Classification code (ADR) : M6				
Special provisions (ADR) : 274, 335, 375, 601				



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Product: PUMPKIN PIE (MELOMAKARONO) FRAGRANCE

Limited quantities (ADR)	: 5l
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19 Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3 Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90 Orange plates :
	
Tunnel restriction code (ADR)	: -
EAC code	: +3Z
Transport by sea	
Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A
Air transport	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964 PCA limited quantity max net quantity (IATA) : 30kgG PCA
packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L



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CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L
Inland waterway transport	
Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0
Rail transport	
Classification code (RID)	: M6
Special provisions (RID)	: 274, 335, 375, 601
Limited quantities (RID):	5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19 Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions (RID): TP1, TP29	
Tank codes for RID tanks (RID) : LGBV	
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading : CW13, CW31 and handling (RID)	
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90
14.7 Maritime transport in bulk according to IMO instruments	
Not applicable	

Product: PUMPKIN PIE (MELOMAKARONO) FRAGRANCE

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)	acetyl propionyl ; d- Limonene ; .alpha.-Pinene ; .beta.-Pinene ; p- Cymene	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)	PUMPKIN PIE ; Benzyl benzoate ; Cinnamic aldehyde ; Eugenol ; Phenylethyl alcohol ; Terpineol ; Amyl cinnamic aldehyde ; Benzaldehyde ; acetyl propionyl ; Benzyl alcohol ; d-Limonene ; p- Cymene	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)	PUMPKIN PIE; Benzyl benzoate ; Cinnamic aldehyde ; Anisic aldehyde ; Amyl cinnamic aldehyde ; d- Limonene ; p- Cymene	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
EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description



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Product: PUMPKIN PIE (MELOMAKARONO) FRAGRANCE

40.	acetyl propionyl ; d- Limonene ; .alpha.-Pinene ; .beta.-Pinene ; p- Cymene	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.
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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)

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

15.1.2 Regulation (EC) No 1907/2006 (REACH)

France

Product: PUMPKIN PIE (MELOMAKARONO) FRAGRANCE

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
<p>Germany</p> <p>Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1). List of sensitizing substances (TRGS 907) : Contains sensitizing substances according TRGS 907.</p> <p>Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)</p> <p>Netherlands</p> <p>ABM category : A(1) - highly toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment</p> <p>SZW-lijst van kankerverwekkende stoffen : Terpeneol is listed SZW-lijst van mutagene stoffen : Terpeneol is listed</p> <p>SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed</p> <p>SZW-lijst van reprotoxische stoffen – Vruchtbaarheid: None of the components are listed</p> <p>SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed</p> <p>Denmark</p> <p>Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed Danish National Regulations : Young people below the age of 18 years are not allowed to use the product. Pregnant/breastfeeding women working with the product must not be in direct contact with the product</p>	
<p>15.2 Chemical safety assessment</p> <p style="text-align: center;">No chemical safety assessment has been carried out</p>	

16. Other information	
Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor

Product: PUMPKIN PIE (MELOMAKARONO) FRAGRANCE

BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Inhalation:dust,m	Acute toxicity (inhalation:dust,mist) Category 3

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ist)	
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
Asp. Tox. 1	Aspiration hazard, Category 1
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.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
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.
H361	Suspected of damaging fertility or the unborn child.
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.
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

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Last Update: 27.06.23

Version: 2.0

Product: PUMPKIN PIE (MELOMAKARONO) FRAGRANCE

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.