

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 2/13/2018 Revision date: 9/29/2020 Supersedes: 2/13/2018 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Product name : The Perfect Christmas #37178F-EU
UFI : UWX9-93Y6-T008-NRPG
Product code : 37178F-EU
Type of product : Perfumes, Fragrances
Product group : Finished Good

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

1.2.1. Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : For professional use only
Industrial
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

Kandara Oils Ltd
Unit 11, Agecroft Enterprise Park
Shearer Way
Salford, M27 8WA
kandaraoils@gmail.com - www.kandaraoils.co.uk

1.4. Emergency telephone number

Emergency number : +44 77865 56114

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Acute toxicity (oral) Category 4 H302
Serious eye damage/eye irritation, Category 2 H319
Skin sensitization, Category 1 H317
Hazardous to the aquatic environment - Chronic Hazard Category 2 H411
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Causes skin irritation. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) :

Warning

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hazardous ingredients	: Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0); Clove leaf oil ; Fennel oil bitter (Foeniculum vulgare Miller); Thyme oil, white; Benzyl benzoate; Hexyl salicylate; Lemon oil ; Triplal (Vertocitral); Isocyclocitral; Hexyl cinnamic aldehyde; Cedar leaf oil; Iso E Super; Eugenol
Hazard statements (CLP)	: H302 - Harmful if swallowed. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: 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. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. 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. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzyl benzoate	(CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9 (REACH-no) 01-2119976371-33	22.74 – 45.48	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Eugenol	(CAS-No.) 97-53-0 (EC-No.) 202-589-1	3 – 6	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Iso E Super	(CAS-No.) 54464-57-2 (EC-No.) 259-174-3 (REACH-no) 01-2119489989-04	2.5 – 5	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Hexyl cinnamic aldehyde	(CAS-No.) 101-86-0 (EC-No.) 202-983-3 (REACH-no) 01-2119533092-50	1 – 2	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Isopulegol	(CAS-No.) 89-79-2 (EC-No.) 201-940-6	0.75 – 1.5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	(CAS-No.) 76-22-2 (EC-No.) 200-945-0	0.6 – 1.2	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371 Aquatic Chronic 2, H411

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Aldehyde C-12 MNA	(CAS-No.) 110-41-8 (EC-No.) 203-765-0	0.6 – 1.2	Aquatic Chronic 3, H412
Triplal (Vertocitral)	(CAS-No.) 68039-49-6 (EC-No.) 268-264-1	0.5 – 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Cedar leaf oil	(CAS-No.) 8007-20-3 (EC-No.) 290-370-1;616-907-5	0.5 – 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Lemon oil	(CAS-No.) 8008-56-8 (EC-No.) 284-515-8;616-925-3	0.375 – 0.75	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Isocyclocitral	(CAS-No.) 1335-66-6 (EC-No.) 215-638-7	0.375 – 0.75	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Cedarwood oil, Texas	(CAS-No.) 68990-83-0 (EC-No.) 294-461-7;614-888-8	0.25 – 0.5	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Hexyl salicylate	(CAS-No.) 6259-76-3 (EC-No.) 228-408-6	0.25 – 0.5	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Diphenyl oxide	(CAS-No.) 101-84-8 (EC-No.) 202-981-2 (REACH-no) 01-2119472545-33	0.15 – 0.3	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Clove leaf oil	(CAS-No.) 8000-34-8 (EC-No.) 616-772-2	0.1 – 0.2	Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304
Fennel oil bitter (Foeniculum vulgare Miller)	(CAS-No.) 8006-84-6 (EC-No.) 616-896-7	0.1 – 0.2	Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351 Aquatic Chronic 2, H411
Thyme oil, white	(CAS-No.) 8007-46-3 (EC-No.) 284-535-7;616-910-1	0.1 – 0.2	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0)	(CAS-No.) 24720-09-0 (EC-No.) 246-430-4	0.05 – 0.1	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a poison center/doctor/physician 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/doctor/physician if you feel unwell.

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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 any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : 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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment : 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

For containment : Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material.
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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace.

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.

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Diphenyl oxide (101-84-8)	
EU - Occupational Exposure Limits	
IOELV TWA (mg/m ³)	7 mg/m ³
IOELV TWA (ppm)	1 ppm
IOELV STEL (mg/m ³)	14 mg/m ³
IOELV STEL (ppm)	2 ppm
Austria - Occupational Exposure Limits	
MAK [mg/m ³]	7 mg/m ³
MAK [ppm]	1 ppm
MAK Short time value [mg/m ³]	14 mg/m ³
MAK Short time value [ppm]	2 ppm
Belgium - Occupational Exposure Limits	
Limit value [mg/m ³]	7 mg/m ³ (vapor)
Limit value [ppm]	1 ppm (vapor)
Short time value [mg/m ³]	14 mg/m ³ (vapor)
Short time value [ppm]	2 ppm (vapor)
Bulgaria - Occupational Exposure Limits	
OEL TWA (mg/m ³)	7 mg/m ³
OEL TWA (ppm)	1 ppm
OEL STEL (mg/m ³)	14 mg/m ³
OEL STEL (ppm)	2 ppm
Croatia - Occupational Exposure Limits	
GVI (granična vrijednost izloženosti) (mg/m ³)	7 mg/m ³
GVI (granična vrijednost izloženosti) (ppm)	1 ppm
KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	14 mg/m ³
KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	2 ppm
Cyprus - Occupational Exposure Limits	
OEL TWA (mg/m ³)	7 mg/m ³
OEL TWA (ppm)	1 ppm
OEL STEL (mg/m ³)	14 mg/m ³
OEL STEL (ppm)	2 ppm
Czech Republic - Occupational Exposure Limits	
Exposure limits (PEL) (mg/m ³)	5 mg/m ³

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Denmark - Occupational Exposure Limits	
Grænseværdi (8 timer) (mg/m ³)	7 mg/m ³
Grænseværdi (8 timer) (ppm)	1 ppm
Estonia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	7 mg/m ³
OEL TWA (ppm)	1 ppm
OEL STEL (mg/m ³)	14 mg/m ³
OEL STEL (ppm)	2 ppm
Finland - Occupational Exposure Limits	
HTP-arvo (8h) (mg/m ³)	7 mg/m ³
HTP-arvo (8h) (ppm)	1 ppm
HTP-arvo (15 min)	14 mg/m ³
HTP-arvo (15 min) (ppm)	2 ppm
France - Occupational Exposure Limits	
VME [mg/m ³]	7 mg/m ³
VME [ppm]	1 ppm
Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m ³)	7.1 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor)
Occupational exposure limit value (ppm)	1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor)
Gibraltar - Occupational Exposure Limits	
Eight hours mg/m ³	7 mg/m ³
Eight hours ppm	1 ppm
Short-term mg/m ³	14 mg/m ³
Short-term ppm	200 ppm
Greece - Occupational Exposure Limits	
OEL TWA (mg/m ³)	7 mg/m ³
OEL TWA (ppm)	1 ppm
OEL STEL (mg/m ³)	14 mg/m ³
OEL STEL (ppm)	2 ppm
Hungary - Occupational Exposure Limits	
Exposure Limit Value	7 mg/m ³
CK-érték	14 mg/m ³
Ireland - Occupational Exposure Limits	
OEL (8 hours ref) (mg/m ³)	7 mg/m ³ (vapour)
OEL (8 hours ref) (ppm)	1 ppm (vapour)
OEL (15 min ref) (mg/m ³)	14 mg/m ³ (vapour)
OEL (15 min ref) (ppm)	2 ppm (vapour)
Latvia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	7 mg/m ³
OEL TWA (ppm)	1 ppm

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Lithuania - Occupational Exposure Limits	
IPRV (mg/m ³)	7 mg/m ³
IPRV (ppm)	1 ppm
TPRV (mg/m ³)	14 mg/m ³
TPRV (ppm)	2 ppm
Luxembourg - Occupational Exposure Limits	
OEL TWA (mg/m ³)	7 mg/m ³
OEL TWA (ppm)	1 ppm
OEL STEL (mg/m ³)	14 mg/m ³
OEL STEL (ppm)	2 ppm
Malta - Occupational Exposure Limits	
OEL TWA (mg/m ³)	7 mg/m ³
OEL TWA (ppm)	1 ppm
OEL STEL (mg/m ³)	14 mg/m ³
OEL STEL (ppm)	2 ppm
Netherlands - Occupational Exposure Limits	
Grenswaarde TGG 8H (mg/m ³)	7 mg/m ³
Grenswaarde TGG 15MIN (mg/m ³)	14 mg/m ³
Poland - Occupational Exposure Limits	
NDS (mg/m ³)	7 mg/m ³
NDSch (mg/m ³)	14 mg/m ³
Portugal - Occupational Exposure Limits	
OEL TWA (mg/m ³)	7 mg/m ³
OEL TWA (ppm)	1 ppm (vapor)
OEL STEL (mg/m ³)	14 mg/m ³ (indicative limit value)
OEL STEL (ppm)	2 ppm (indicative limit value-vapor)
Romania - Occupational Exposure Limits	
OEL TWA (mg/m ³)	5 mg/m ³
OEL TWA (ppm)	0.7 ppm
OEL STEL (mg/m ³)	10 mg/m ³
OEL STEL (ppm)	1.4 ppm
Slovakia - Occupational Exposure Limits	
NPHV (priemerná) (mg/m ³)	7 mg/m ³
NPHV (priemerná) (ppm)	1 ppm
NPHV (Hraničná) (mg/m ³)	7.1 mg/m ³
Slovenia - Occupational Exposure Limits	
OEL TWA (mg/m ³)	7 mg/m ³
OEL TWA (ppm)	1 ppm
OEL STEL (mg/m ³)	14 mg/m ³
OEL STEL (ppm)	2 ppm

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Spain - Occupational Exposure Limits	
VLA-ED (mg/m ³)	7.1 mg/m ³ (vapor)
VLA-ED (ppm)	1 ppm (vapor)
VLA-EC (mg/m ³)	14.2 mg/m ³ (vapor)
VLA-EC (ppm)	2 ppm (vapor)
Sweden - Occupational Exposure Limits	
nivågränsvärde (NVG) (mg/m ³)	7 mg/m ³
nivågränsvärde (NVG) (ppm)	1 ppm
kortidsvärde (KTV) (mg/m ³)	14 mg/m ³
kortidsvärde (KTV) (ppm)	2 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	7.1 mg/m ³ (vapour)
WEL TWA (ppm)	1 ppm (vapour)
WEL STEL (mg/m ³)	21.3 mg/m ³ (calculated-vapour)
WEL STEL [ppm]	3 ppm (calculated-vapour)
Norway - Occupational Exposure Limits	
TWA (AN) (mg/m ³)	7 mg/m ³
TWA (AN) (ppm)	1 ppm
TWA (Kortidsverdi) (mg/m ³)	14 mg/m ³ (value calculated)
TWA (Kortidsverdi) (ppm)	2 ppm (value calculated)
Switzerland - Occupational Exposure Limits	
MAK (mg/m ³)	7 mg/m ³ (aerosol, vapour)
MAK (ppm)	1 ppm (aerosol, vapour)
KZGW (mg/m ³)	7 mg/m ³ (aerosol, vapour)
KZGW (ppm)	1 ppm (aerosol, vapour)
OEL chemical category (CH)	Category 2 developmental toxin, Category 2 reproductive toxin
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	1 ppm (vapor)
ACGIH STEL (ppm)	2 ppm (vapor fraction)
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)	
Austria - Occupational Exposure Limits	
MAK [mg/m ³]	13 mg/m ³
MAK [ppm]	2 ppm
Belgium - Occupational Exposure Limits	
Limit value [mg/m ³]	12 mg/m ³
Limit value [ppm]	2 ppm
Short time value [mg/m ³]	19 mg/m ³
Short time value [ppm]	3 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA (mg/m ³)	12 mg/m ³
OEL STEL (mg/m ³)	18 mg/m ³

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Croatia - Occupational Exposure Limits	
GVI (granična vrijednost izloženosti) (mg/m ³)	13 mg/m ³
GVI (granična vrijednost izloženosti) (ppm)	2 ppm
KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	19 mg/m ³
KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	3 ppm
Denmark - Occupational Exposure Limits	
Grænseværdi (8 timer) (mg/m ³)	12 mg/m ³
Grænseværdi (8 timer) (ppm)	2 ppm
Finland - Occupational Exposure Limits	
HTP-arvo (8h) (mg/m ³)	1.9 mg/m ³
HTP-arvo (8h) (ppm)	0.3 ppm
HTP-arvo (15 min)	5.7 mg/m ³
HTP-arvo (15 min) (ppm)	0.9 ppm
France - Occupational Exposure Limits	
VME [mg/m ³]	12 mg/m ³
VME [ppm]	2 ppm
Greece - Occupational Exposure Limits	
OEL TWA (mg/m ³)	12 mg/m ³
OEL STEL (mg/m ³)	18 mg/m ³
Ireland - Occupational Exposure Limits	
OEL (8 hours ref) (mg/m ³)	12 mg/m ³
OEL (8 hours ref) (ppm)	2 ppm
OEL (15 min ref) (mg/m ³)	18 mg/m ³
OEL (15 min ref) (ppm)	3 ppm
Lithuania - Occupational Exposure Limits	
IPRV (mg/m ³)	3 mg/m ³
Poland - Occupational Exposure Limits	
NDS (mg/m ³)	12 mg/m ³
NDSch (mg/m ³)	18 mg/m ³
Portugal - Occupational Exposure Limits	
OEL TWA (ppm)	2 ppm
OEL STEL (ppm)	3 ppm
OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen
Romania - Occupational Exposure Limits	
OEL TWA (mg/m ³)	1 mg/m ³
OEL TWA (ppm)	6 ppm
OEL STEL (mg/m ³)	3 mg/m ³
OEL STEL (ppm)	18 ppm
Slovakia - Occupational Exposure Limits	
NPHV (priemerná) (mg/m ³)	13 mg/m ³

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

NPHV (priemerná) (ppm)	2 ppm
NPHV (Hraničná) (mg/m ³)	26 mg/m ³
Spain - Occupational Exposure Limits	
VLA-ED (mg/m ³)	13 mg/m ³
VLA-ED (ppm)	2 ppm
VLA-EC (mg/m ³)	19 mg/m ³
VLA-EC (ppm)	3 ppm
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	13 mg/m ³
WEL TWA (ppm)	2 ppm
WEL STEL (mg/m ³)	19 mg/m ³
WEL STEL [ppm]	3 ppm
Norway - Occupational Exposure Limits	
TWA (AN) (mg/m ³)	12 mg/m ³
TWA (AN) (ppm)	2 ppm
TWA (Korttidsverdi) (mg/m ³)	18 mg/m ³ (synthetic)
TWA (Korttidsverdi) (ppm)	4 ppm (synthetic)
Switzerland - Occupational Exposure Limits	
MAK (mg/m ³)	13 mg/m ³
MAK (ppm)	2 ppm (aerosol, vapour)
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	2 ppm (synthetic)
ACGIH STEL (ppm)	3 ppm (synthetic)
ACGIH chemical category	Not Classifiable as a Human Carcinogen synthetic

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: light yellow. amber.
Odor	: characteristic.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 93.33 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

The Perfect Christmas #37178F-EU

ATE CLP (oral)	993.309 mg/kg body weight
----------------	---------------------------

Eugenol (97-53-0)

LD50 oral	1930 mg/kg
LD50 oral	2500 mg/kg body weight

Benzyl benzoate (120-51-4)

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

Diphenyl oxide (101-84-8)

LD50 oral	2450 mg/kg
LD50 oral	2830 mg/kg body weight
LD50 dermal	> 7940 mg/kg
LC50 Inhalation - (Dust/Mist)	1.5 mg/l/4h

Hexyl salicylate (6259-76-3)

LD50 oral	> 5 g/kg
-----------	----------

Triplal (Vertocitral) (68039-49-6)

LD50 oral	3900 mg/kg body weight
-----------	------------------------

Isocyclocitral (1335-66-6)

LD50 oral	4500 mg/kg
LD50 oral	3220 mg/kg body weight

1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)

LD50 oral	1500 mg/kg body weight
LC50 Inhalation - (Dust/Mist)	1.5 mg/l/4h

Aldehyde C-12 MNA (110-41-8)

LD50 oral	> 5 g/kg
-----------	----------

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hexyl cinnamic aldehyde (101-86-0)	
LD50 oral	3100 mg/kg
LD50 oral	3100 mg/kg body weight
LD50 dermal	> 3000 mg/kg
LC50 Inhalation	> 5 mg/l/4h

Isopulegol (89-79-2)	
LD50 oral	940 mg/kg body weight

Clove leaf oil (8000-34-8)	
LD50 oral	1370 mg/kg
LD50 oral	2650 mg/kg body weight
LD50 dermal	1200 mg/kg
LD50 dermal	2500 mg/kg body weight

Fennel oil bitter (Foeniculum vulgare Miller) (8006-84-6)	
LD50 oral	3120 mg/kg
LD50 oral	3004 mg/kg body weight

Thyme oil, white (8007-46-3)	
LD50 oral	2840 mg/kg
LD50 oral	1800 mg/kg body weight

Cedar leaf oil (8007-20-3)	
LD50 oral	830 mg/kg

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

Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0) (24720-09-0)	
LD50 oral	1670 mg/kg body weight
LD50 dermal	2900 mg/kg body weight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Eugenol (97-53-0)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Aspiration hazard : Not classified

SECTION 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.

Eugenol (97-53-0)

LC50 1	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
--------	--

Benzyl benzoate (120-51-4)

LC50 1	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
--------	--

NOEC (chronic)	0.168 mg/l
----------------	------------

Aldehyde C-12 MNA (110-41-8)

LC50 1	0.35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
--------	--

12.2. Persistence and degradability

Benzyl benzoate (120-51-4)

Persistence and degradability	May cause long-term adverse effects in the environment.
-------------------------------	---

Cedarwood oil, Texas (68990-83-0)

Persistence and degradability	Not established.
-------------------------------	------------------

12.3. Bioaccumulative potential

Benzyl benzoate (120-51-4)

Partition coefficient n-octanol/water (Log Pow)	4
---	---

Bioaccumulative potential	Not established.
---------------------------	------------------

Diphenyl oxide (101-84-8)

BCF 1	470
-------	-----

Partition coefficient n-octanol/water (Log Pow)	4.2
---	-----

Cedarwood oil, Texas (68990-83-0)

Bioaccumulative potential	Not established.
---------------------------	------------------

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : UN 3082
UN-No. (IMDG) : UN 3082
UN-No. (IATA) : UN 3082
UN-No. (ADN) : UN 3082
UN-No. (RID) : Not applicable

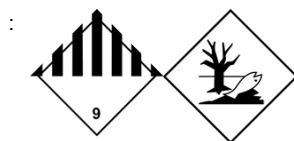
14.2. UN proper shipping name

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

14.3. Transport hazard class(es)

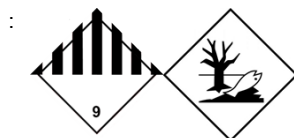
ADR

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



IMDG

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



IATA

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



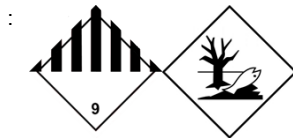
The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

ADN

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



RID

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

14.4. Packing group

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

14.5. Environmental hazards

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

14.6. Special precautions for user

Overland transport

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



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

Transport by sea

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

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Air transport

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

Inland waterway transport

Classification code (ADN)	: M6
Special provision (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

Rail transport

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Reference code	Applicable
3(b)	Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0) ; Clove leaf oil ; Fennel oil bitter (Foeniculum vulgare Miller) ; Thyme oil, white ; Benzyl benzoate ; Cedarwood oil, Texas ; Hexyl salicylate ; Lemon oil ; Triplal (Vertocitral) ; Isocyclocitral ; Hexyl cinnamic aldehyde ; Isopulegol ; Cedar leaf oil ; Iso E Super ; Eugenol
3(c)	Fennel oil bitter (Foeniculum vulgare Miller) ; Thyme oil, white ; Benzyl benzoate ; Cedarwood oil, Texas ; Hexyl salicylate ; Lemon oil ; Triplal (Vertocitral) ; Isocyclocitral ; Aldehyde C-12 MNA ; Hexyl cinnamic aldehyde ; Cedar leaf oil ; Iso E Super
3(a)	Thyme oil, white ; Lemon oil ; Cedar leaf oil
40.	Thyme oil, white ; Lemon oil ; 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one ; Cedar leaf oil

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

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

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

15.1.2. National regulations

Germany

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

Water hazard class (WGK) : WGK 2, significant hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : Thyme oil, white, Cedarwood oil, Texas, Lemon oil, Triplal (Vertocitral) are listed

SZW-lijst van mutagene stoffen : Thyme oil, white, Lemon oil, Triplal (Vertocitral) are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Denmark

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
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 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
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
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
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

The Perfect Christmas

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-phrases:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam. Sol. 2	Flammable solids Category 2
Muta. 2	Germ cell mutagenicity Category 2
Skin Corr. 1	Skin corrosion/irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
H226	Flammable liquid and vapor.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H371	May cause damage to organs.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.