

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 6/5/2024 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture

Product name : GREEN TEA & MINT FR24546

Product code : FR24546

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

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

Hyggeland Company Russian Federation

Krasnodar

Stasova st. 184, 7

Phone.: +7 (953) 073-39-63 info@hyggeland.ru

### 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
Hazardous to the aquatic environment – Chronic Hazard, H411

Category 2

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

#### Adverse physicochemical, human health and environmental effects

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

#### 2.2. Label elements

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

Hazard pictograms (CLP)





GHS07

GHS09

Signal word (CLP) : Warning

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Contains : Linalyl acetate; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone;

(R)-p-mentha-1,8-diene; d-limonene; Linalool; Hexyl cinnamic aldehyde; Benzyl salicylate; L-Carvone; COUMARIN; Geraniol; Nerol; Heliotropine; Geranyl acetate; Triplal (Vertocitral)

Hazard statements (CLP) : 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.

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.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

Extra phrases : For professional users only.

#### 2.3. Other hazards

Contains no PBT and/or 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 substance(s) are 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]
Bis(2-ethylhexyl) adipate substance with national workplace exposure limit(s) (PL)	CAS-No.: 103-23-1 EC-No.: 203-090-1 REACH-no: 01-2119439699-	27.4 – 54.75	Not classified
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789- 19	3.4 – 6.85	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04	1.5 – 3	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
(R)-p-mentha-1,8-diene; d-limonene substance with national workplace exposure limit(s) (DE, ES, FI, SI, NO, CH)	CAS-No.: 5989-27-5 EC-No.: 205-341-0 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353- 35	1.5 – 3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	1.5 – 3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092- 50	1.5 – 3	Skin Sens. 1, H317 Aquatic Chronic 2, H411
L-Carvone	CAS-No.: 6485-40-1 EC-No.: 229-352-5 EC Index-No.: 606-148-00-8	1.5 – 3	Skin Sens. 1B, H317
COUMARIN	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756- 26	1.5 – 3	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB)	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227- 29	1.1 – 2.15	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzyl salicylate	CAS-No.: 118-58-1 EC-No.: 204-262-9 EC Index-No.: 607-754-00-5 REACH-no: 01-2119969442- 31	0.9 – 1.8	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Allyl heptanoate	CAS-No.: 142-19-8 EC-No.: 205-527-1 REACH-no: 01-2119488961- 23	0.5 – 1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 3, H412
Camphor substance with national workplace exposure limit(s) (AT, BE, BG, DK, ES, FI, FR, GB, GR, HR, IE, LT, PL, PT, RO, SK, NO, CH)	CAS-No.: 76-22-2 EC-No.: 200-945-0	0.5 – 0.9	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
Benzyl acetate substance with national workplace exposure limit(s) (BE, DK, ES, IE, LT, LV, PT, RO)	CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272- 42	0.4 – 0.7	Aquatic Chronic 3, H412
Geraniol	CAS-No.: 106-24-1 EC-No.: 203-377-1 EC Index-No.: 603-241-00-5 REACH-no: 01-2119552430-	0.3 – 0.57	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
Geranyl acetate	CAS-No.: 105-87-3 EC-No.: 203-341-5 REACH-no: 01-2119973480- 35	0.2 – 0.45	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Nerol	CAS-No.: 106-25-2 EC-No.: 203-378-7	0.2 – 0.38	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Heliotropine	CAS-No.: 120-57-0 EC-No.: 204-409-7 REACH-no: 01-2119983608- 21	0.2 – 0.35	Skin Sens. 1B, H317
Triplal (Vertocitral)	CAS-No.: 68039-49-6 EC-No.: 268-264-1	0.1 – 0.1815	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
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-	0.1 – 0.1	Acute Tox. 4 (Oral), H302
Alcohol C-10 substance with national workplace exposure limit(s) (BG, DE, LT, LV, RO, CH)	CAS-No.: 112-30-1 EC-No.: 203-956-9	0 - 0.0028	Aquatic Chronic 3, H412
Aldehyde C-6 substance with national workplace exposure limit(s) (FI, PL)	CAS-No.: 66-25-1 EC-No.: 200-624-5	0 – 0.0007	Flam. Liq. 3, H226

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

### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical First-aid measures general 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, both acute and delayed

: Not expected to present a significant hazard under anticipated conditions of normal use. Symptoms/effects

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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

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### 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

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.

#### 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

For containment : Collect spillage.

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 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.

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#### Germany

Storage class (LGK, TRGS 510) : 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 GK 6.2 LGK 7 LGK 8A LGK 8B LGK 10 LGK 11 LGK 12 LGK 13 LGK 10-13

Joint storage not permitted for : LGK 1, LGK 2A, LGK 5.1A, LGK 6.2, LGK 7

Joint storage with restrictions permitted for : LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2

Joint storage permitted for : LGK 2B, LGK 3, LGK 4.1B, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B,

LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

**Switzerland** 

Storage class (LK) : LK 10/12 - Liquids

# 7.3. Specific end use(s)

No additional information available

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

Bis(2-ethylhexyl) adipate (103-23-1)		
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	400 mg/m³	
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
Finland - Occupational Exposure Limits		
HTP (OEL TWA)	140 mg/m³	
	25 ppm	
HTP (OEL STEL)	280 mg/m³	
	50 ppm	
Germany - Occupational Exposure Limits (TRGS 9	00)	
AGW (OEL TWA)	28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
Chemical category	Skin notation, Skin sensitization	
Slovenia - Occupational Exposure Limits		
OEL TWA	28 mg/m³	
	5 ppm	
OEL STEL	112 mg/m³	
	20 ppm	
OEL chemical category	Potential for cutaneous absorption	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA)	168 mg/m³	

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OEL chemical category Sensitizer, skin - potential for cutaneous absorption Norway - Occupational Exposure Limits  Grenseverdi (OEL TWA)  440 mg/m² 25 ppm  Korttidsverdi (OEL STEL) 475 mg/m² (value calculated) 37.5 ppm (value calculated) 38.5 ppm (value calculated)  OEL chemical category  Switzerland - Occupational Exposure Limits  MAK (OEL TWA) 40 mg/m² 7 ppm  KZGW (OEL STEL) 80 mg/m² 14 ppm  OEL chemical category Sensitizer  benzaldehyde (100-52-7)  Bulgarla - Occupational Exposure Limits  OEL TWA 5 mg/m² 1 ppm  HTP (OEL TWA) 4.4 mg/m² 1 ppm  HTP (OEL TWA) 5 mg/m² 4 ppm  Hungary - Occupational Exposure Limits  AK (OEL TWA) 5 mg/m² 4 ppm  Hungary - Occupational Exposure Limits  AK (OEL TWA) 5 mg/m² CK (OEL STEL) 10 mg/m² Latvia - Occupational Exposure Limits  PRV (OEL TWA) 5 mg/m²  CH TWA 5 mg/m²  Hungary - Occupational Exposure Limits  PRV (OEL TWA) 5 mg/m²  DEL TWA 6 mg/m²  Del TWA	(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
Norway - Occupational Exposure Limits   140 mg/m²   25 ppm		30 ppm	
140 mg/m²   25 ppm	OEL chemical category	Sensitizer, skin - potential for cutaneous absorption	
25 ppm	Norway - Occupational Exposure Limits		
A	Grenseverdi (OEL TWA)	140 mg/m³	
37.5 ppm (value calculated)  OEL chemical category  Allergenic substance  Switzerland - Occupational Exposure Limits  MAK (OEL TWA)  40 mg/m² 7 ppm  KZGW (OEL STEL)  80 mg/m² 14 ppm  OEL chemical category  Sensitizer  benzaldehyde (100-52-7)  Bulgaria - Occupational Exposure Limits  OEL TWA  5 mg/m² 1 ppm  HTP (OEL TWA)  4.4 mg/m² 4 ppm  HTP (OEL C)  17.4 mg/m² 4 ppm  Hungary - Occupational Exposure Limits  KK (OEL TWA)  5 mg/m² 1 ppm  Hungary - Occupational Exposure Limits  OK (OEL STEL)  10 mg/m²  Lithuania - Occupational Exposure Limits  OEL TWA  5 mg/m²  1 ppm  Hungary - Occupational Exposure Limits  OK (OEL STEL)  10 mg/m²  Lithuania - Occupational Exposure Limits  OEL TWA  5 mg/m²  OEL TWA  1 pm/m²  1 pm/m²  1 pm/m²  1 pm/m²  1 pm/m²  4 pm/m²  5 mg/m²  1 pm/m²		25 ppm	
OEL chemical category  Switzerland - Occupational Exposure Limits  MAK (OEL TWA)  40 mg/m³  7 ppm  KZGW (OEL STEL)  80 mg/m³  14 ppm  OEL chemical category  Sensitizer  Denzaldehyde (100-52-7)  Bulgaria - Occupational Exposure Limits  OEL TWA  5 mg/m³  1 ppm  HTP (OEL TWA)  4.4 mg/m³  1 ppm  HTP (OEL C)  17.4 mg/m³  4 ppm  Hungary - Occupational Exposure Limits  AK (OEL TWA)  5 mg/m³  CK (OEL STEL)  10 mg/m³  Latvia - Occupational Exposure Limits  OEL TWA  5 mg/m³  To pm  Hungary - Occupational Exposure Limits  NG (OEL TWA)  1 ppm  Hungary - Occupational Exposure Limits  OEL TWA  5 mg/m³  Latvia - Occupational Exposure Limits  OEL TWA  1 ppm  Deland - Occupational Exposure Limits  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	Korttidsverdi (OEL STEL)	175 mg/m³ (value calculated)	
Switzerland - Occupational Exposure Limits           MAK (OEL TWA)         40 mg/m²           7 ppm         80 mg/m²           KZGW (OEL STEL)         80 mg/m²           OEL chemical category         Sensitizer           benzaldehyde (100-52-7)         Bulgaria - Occupational Exposure Limits           OEL TWA         5 mg/m²           Finland - Occupational Exposure Limits         4.4 mg/m²           HTP (OEL TWA)         4.4 mg/m²           1 ppm         4.4 ppm           Hungary - Occupational Exposure Limits         AK (OEL TWA)           K (OEL TWA)         5 mg/m²           Latvia - Occupational Exposure Limits         OEL TWA           OEL TWA         5 mg/m²           Lithuania - Occupational Exposure Limits         In mg/m²           NDS (OEL TWA)         5 mg/m²           Poland - Occupational Exposure Limits         OEL TWA           Benzyl acetate (140-11-4)         8el mg/m²           Belgium - Occupational Exposure Limits         62 mg/m²           Denmark - Occupational Exposure Limits         10 ppm		37.5 ppm (value calculated)	
MAK (OEL TWA)       40 mg/m²         7 ppm       7 ppm         KZGW (OEL STEL)       80 mg/m²         14 ppm       OEL chemical category         Denzaldehyde (100-52-7)       Sensitizer         Bulgaria - Occupational Exposure Limits       5 mg/m²         Finland - Occupational Exposure Limits       HTP (OEL TWA)         HTP (OEL TWA)       4.4 mg/m²         1 ppm       1 ppm         Hungary - Occupational Exposure Limits         AK (OEL TWA)       5 mg/m²         CK (OEL STEL)       10 mg/m²         Latvia - Occupational Exposure Limits         OEL TWA       5 mg/m²         Lithuania - Occupational Exposure Limits         PPRV (OEL TWA)       5 mg/m²         NOS (OEL TWA)       10 mg/m²         NDS (OEL TWA)       10 mg/m²         Benzyl acctate (140-11-4)       8e mzyl acctate (140-11-4)         Belgium - Occupational Exposure Limits       OEL TWA         OEL TWA       62 mg/m²         10 ppm	OEL chemical category	Allergenic substance	
T ppm	Switzerland - Occupational Exposure Limits		
KZGW (OEL STEL)       80 mg/m³         14 ppm       14 ppm         OEL chemical category       Sensitizer         benzaldehyde (100-52-7)       Bulgaria - Occupational Exposure Limits         OEL TWA       5 mg/m³         Finland - Occupational Exposure Limits       4.4 mg/m³         HTP (OEL TWA)       4.4 mg/m³         HTP (OEL C)       17.4 mg/m³         Hungary - Occupational Exposure Limits       5 mg/m³         OK (OEL TWA)       5 mg/m³         CK (OEL STEL)       10 mg/m³         Latvia - Occupational Exposure Limits       5 mg/m³         DEL TWA       5 mg/m³         Poland - Occupational Exposure Limits       10 mg/m²         NDS (OEL TWA)       10 mg/m²         NDSCh (OEL STEL)       40 mg/m³         Benzyl acetato (140-11-4)       8c mg/m³         Benzyl acetato (140-11-4)       6c mg/m³         Denmark - Occupational Exposure Limits       6c mg/m³	MAK (OEL TWA)	40 mg/m³	
14 ppm		7 ppm	
DEL chemical category  benzaldehyde (100-52-7)  Bulgaria - Occupational Exposure Limits  OEL TWA  Finland - Occupational Exposure Limits  HTP (OEL TWA)  4.4 mg/m²  1 ppm  HTP (OEL C)  17.4 mg/m²  4 ppm  Hungary - Occupational Exposure Limits  AK (OEL TWA)  5 mg/m²  4 ppm  Hungary - Occupational Exposure Limits  AK (OEL TWA)  5 mg/m²  CK (OEL STEL)  10 mg/m³  Latvia - Occupational Exposure Limits  OEL TWA  5 mg/m²  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA)  5 mg/m²  Deland - Occupational Exposure Limits  NDS (OEL TWA)  10 mg/m³  NDSCh (OEL STEL)  40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	KZGW (OEL STEL)	80 mg/m³	
benzaldehyde (100-52-7)  Bulgaria - Occupational Exposure Limits  OEL TWA 5 mg/m³  Finland - Occupational Exposure Limits  HTP (OEL TWA) 4.4 mg/m³ 1 ppm  HTP (OEL C) 17.4 mg/m³ 4 ppm  Hungary - Occupational Exposure Limits  AK (OEL TWA) 5 mg/m³  CK (OEL STEL) 10 mg/m³  Latvia - Occupational Exposure Limits  OEL TWA 5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA) 5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA) 10 mg/m³  NDSCh (OEL STEL) 40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA 62 mg/m³ 10 ppm  Denmark - Occupational Exposure Limits		14 ppm	
Bulgaria - Occupational Exposure Limits OEL TWA 5 mg/m³ Finland - Occupational Exposure Limits HTP (OEL TWA) 4.4 mg/m³ 1 ppm HTP (OEL C) 17.4 mg/m³ 4 ppm Hungary - Occupational Exposure Limits  AK (OEL TWA) 5 mg/m³ CK (OEL STEL) 10 mg/m³ Latvia - Occupational Exposure Limits OEL TWA 5 mg/m³ Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 5 mg/m³ Poland - Occupational Exposure Limits IPRV (OEL TWA) 10 mg/m³ NDS (OEL TWA) 10 mg/m³ Benzyl acetate (140-11-4) Belgium - Occupational Exposure Limits OEL TWA 62 mg/m³ 10 ppm Denmark - Occupational Exposure Limits	OEL chemical category	Sensitizer	
OEL TWA  Finland - Occupational Exposure Limits  HTP (OEL TWA)  4.4 mg/m³ 1 ppm  HTP (OEL C)  17.4 mg/m² 4 ppm  Hungary - Occupational Exposure Limits  AK (OEL TWA)  5 mg/m³  CK (OEL STEL)  10 mg/m³  Latvia - Occupational Exposure Limits  OEL TWA  5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA)  5 mg/m³  Doland - Occupational Exposure Limits  NDS (OEL TWA)  10 mg/m³  NDSCh (OEL STEL)  40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	benzaldehyde (100-52-7)		
Finland - Occupational Exposure Limits  HTP (OEL TWA)  4.4 mg/m³ 1 ppm  HTP (OEL C)  17.4 mg/m³ 4 ppm  Hungary - Occupational Exposure Limits  AK (OEL TWA)  5 mg/m³  CK (OEL STEL)  10 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA)  5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA)  10 mg/m³  NDSCh (OEL STEL)  40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	Bulgaria - Occupational Exposure Limits		
HTP (OEL TWA)	OEL TWA	5 mg/m³	
1 ppm	Finland - Occupational Exposure Limits		
HTP (OEL C)  17.4 mg/m³ 4 ppm  Hungary - Occupational Exposure Limits  AK (OEL TWA)  5 mg/m³  CK (OEL STEL)  10 mg/m³  Latvia - Occupational Exposure Limits  OEL TWA  5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA)  5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA)  10 mg/m³  NDS (OEL STEL)  40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	HTP (OEL TWA)	4.4 mg/m³	
Hungary - Occupational Exposure Limits  AK (OEL TWA) 5 mg/m³  CK (OEL STEL) 10 mg/m³  Latvia - Occupational Exposure Limits  OEL TWA 5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA) 5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA) 10 mg/m³  NDSCh (OEL STEL) 40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA 62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits		1 ppm	
Hungary - Occupational Exposure Limits  AK (OEL TWA) 5 mg/m³  CK (OEL STEL) 10 mg/m³  Latvia - Occupational Exposure Limits  OEL TWA 5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA) 5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA) 10 mg/m³  NDSCh (OEL STEL) 40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA 62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	HTP (OEL C)	17.4 mg/m³	
AK (OEL TWA) 5 mg/m³ CK (OEL STEL) 10 mg/m³ Latvia - Occupational Exposure Limits OEL TWA 5 mg/m³ Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 5 mg/m³ Poland - Occupational Exposure Limits NDS (OEL TWA) 10 mg/m³ NDSCh (OEL STEL) 40 mg/m³ Benzyl acetate (140-11-4) Belgium - Occupational Exposure Limits OEL TWA 62 mg/m³ 10 ppm  Denmark - Occupational Exposure Limits		4 ppm	
CK (OEL STEL)  Latvia - Occupational Exposure Limits  OEL TWA  5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA)  5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA)  10 mg/m³  NDSCh (OEL STEL)  40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	Hungary - Occupational Exposure Limits		
Latvia - Occupational Exposure Limits  OEL TWA 5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA) 5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA) 10 mg/m³  NDSCh (OEL STEL) 40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA 62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	AK (OEL TWA)	5 mg/m³	
DEL TWA 5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA) 5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA) 10 mg/m³  NDSCh (OEL STEL) 40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA 62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	CK (OEL STEL)	10 mg/m³	
Lithuania - Occupational Exposure Limits  IPRV (OEL TWA) 5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA) 10 mg/m³  NDSCh (OEL STEL) 40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA 62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	Latvia - Occupational Exposure Limits		
IPRV (OEL TWA) 5 mg/m³  Poland - Occupational Exposure Limits  NDS (OEL TWA) 10 mg/m³  NDSCh (OEL STEL) 40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA 62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	OEL TWA	5 mg/m³	
Poland - Occupational Exposure Limits  NDS (OEL TWA) 10 mg/m³  NDSCh (OEL STEL) 40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA 62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	Lithuania - Occupational Exposure Limits		
NDS (OEL TWA)  10 mg/m³  NDSCh (OEL STEL)  40 mg/m³  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	IPRV (OEL TWA)	5 mg/m³	
NDSCh (OEL STEL)  Benzyl acetate (140-11-4)  Belgium - Occupational Exposure Limits  OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	Poland - Occupational Exposure Limits		
Belgium - Occupational Exposure Limits  OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	NDS (OEL TWA)	10 mg/m³	
Belgium - Occupational Exposure Limits  OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	NDSCh (OEL STEL)	40 mg/m³	
OEL TWA  62 mg/m³  10 ppm  Denmark - Occupational Exposure Limits	Benzyl acetate (140-11-4)		
10 ppm  Denmark - Occupational Exposure Limits	Belgium - Occupational Exposure Limits		
Denmark - Occupational Exposure Limits	OEL TWA	62 mg/m³	
		10 ppm	
OEL TWA 61 mg/m³	Denmark - Occupational Exposure Limits		
	OEL TWA	61 mg/m³	

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Benzyl acetate (140-11-4)		
	10 ppm	
OEL STEL	122 mg/m³	
	20 ppm	
Ireland - Occupational Exposure Limits		
OEL TWA	10 ppm	
OEL STEL	30 ppm (calculated)	
Latvia - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³	
Portugal - Occupational Exposure Limits		
OEL TWA	10 ppm	
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen	
Romania - Occupational Exposure Limits		
OEL TWA	50 mg/m³	
	8 ppm	
OEL STEL	80 mg/m³	
	13 ppm	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA)	62 mg/m³	
	10 ppm	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	10 ppm	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
Camphor (76-22-2)		
Austria - Occupational Exposure Limits		
MAK (OEL TWA)	13 mg/m³	
	2 ppm	
Belgium - Occupational Exposure Limits		
OEL TWA	12 mg/m³	
	2 ppm	
OEL STEL	19 mg/m³	
	3 ppm	
Bulgaria - Occupational Exposure Limits		
OEL TWA	12 mg/m³	
OEL STEL	18 mg/m³	
Croatia - Occupational Exposure Limits		
GVI (OEL TWA)	13 mg/m³	
	2 ppm	

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Camphor (76-22-2)		
KGVI (OEL STEL)	19 mg/m³	
	3 ppm	
Denmark - Occupational Exposure Limits		
OEL TWA	12 mg/m³	
	2 ppm	
OEL STEL	24 mg/m³	
	4 ppm	
Finland - Occupational Exposure Limits		
HTP (OEL TWA)	1.9 mg/m³	
	0.3 ppm	
HTP (OEL STEL)	5.7 mg/m³	
	0.9 ppm	
France - Occupational Exposure Limits		
VME (OEL TWA)	12 mg/m³	
	2 ppm	
Greece - Occupational Exposure Limits		
OEL TWA	12 mg/m³ (inhalable fraction)	
OEL STEL	18 mg/m³	
Ireland - Occupational Exposure Limits		
OEL TWA	12 mg/m³	
	2 ppm	
OEL STEL	18 mg/m³	
	3 ppm	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	3 mg/m³	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	12 mg/m³	
NDSCh (OEL STEL)	18 mg/m³	
Portugal - Occupational Exposure Limits		
OEL TWA	2 ppm	
OEL STEL	3 ppm	
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen	
Romania - Occupational Exposure Limits		
OEL TWA	1 mg/m³	
	6 ppm	
OEL STEL	3 mg/m³	
	18 ppm	
Slovakia - Occupational Exposure Limits		
NPHV (OEL TWA)	13 mg/m³	

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A-EC (OEL STEL)  13  14  15  16  17  18  18  19  19  19  19  19  19  19  19	mg/m³ mg/m³ opm mg/m³ opm mg/m³	
A-ED (OEL TWA)  13 2 p A-EC (OEL STEL)  19 3 p  14 15 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	mg/m³ opm mg/m³ opm	
A-ED (OEL TWA)  13 2 p  A-EC (OEL STEL)  19 3 p  ted Kingdom - Occupational Exposure Limits  L TWA (OEL TWA)  13	ppm mg/m³	
A-EC (OEL STEL)  19 3 p  ted Kingdom - Occupational Exposure Limits  L TWA (OEL TWA)  13	ppm mg/m³	
A-EC (OEL STEL)  19 3 p  ted Kingdom - Occupational Exposure Limits  L TWA (OEL TWA)  13	mg/m³	
ted Kingdom - Occupational Exposure Limits  L TWA (OEL TWA)  13	opm	
ted Kingdom - Occupational Exposure Limits  L TWA (OEL TWA) 13		
L TWA (OEL TWA)		
2 n	mg/m³	
	орт	
L STEL (OEL STEL) 19	mg/m³	
3 p	opm	
way - Occupational Exposure Limits		
nseverdi (OEL TWA) 12	mg/m³	
2 p	opm	
ttidsverdi (OEL STEL) 18	mg/m³ (value calculated)	
4 p	opm (value calculated)	
tzerland - Occupational Exposure Limits		
K (OEL TWA)	mg/m³ (aerosol, vapour)	
2 p	opm (aerosol, vapour)	
A - ACGIH - Occupational Exposure Limits		
GIH OEL TWA 2 p	opm (synthetic)	
GIH OEL STEL 3 p	opm (synthetic)	
GIH chemical category Not	ot Classifiable as a Human Carcinogen synthetic	
ohol C-10 (112-30-1)		
garia - Occupational Exposure Limits		
L TWA 10	mg/m³	
many - Occupational Exposure Limits (TRGS 900)		
	mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and GW values are observed)	
	ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW lues are observed)	
Latvia - Occupational Exposure Limits		
L TWA 10	mg/m³	
Lithuania - Occupational Exposure Limits		
V (OEL TWA)	mg/m³	
nania - Occupational Exposure Limits		
L TWA 100	0 mg/m³	
15	ppm	

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Alcohol C-10 (112-30-1)	
OEL STEL	200 mg/m³
	30 ppm
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA)	66 mg/m³ (aerosol, vapour)
	10 ppm (aerosol, vapour)
KZGW (OEL STEL)	66 mg/m³ (aerosol, vapour)
	10 ppm (aerosol, vapour)
Aldehyde C-6 (66-25-1)	
Finland - Occupational Exposure Limits	
HTP (OEL STEL)	42 mg/m³
	10 ppm
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	40 mg/m³
NDSCh (OEL STEL)	80 mg/m³

### 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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#### 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 : light yellow. amber. Conforms to standard.

Odour : characteristic. : Not available Odour threshold Melting point : Not applicable Freezing point : Not available Boiling point Not available Flammability Not applicable Lower explosion limit : Not available Upper explosion limit : Not available Flash point : 99 °C Auto-ignition temperature : Not available Decomposition temperature : Not available : Not available рΗ Viscosity, kinematic : Not available Solubility Not available Partition coefficient n-octanol/water (Log Kow) Not available

Vapour pressure : 0.00180585 mm Hg (calculated value)

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

VOC content : 11.6344 % (calculated value)(CARB VOC) (%w/w)

### **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.

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### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

# 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

# **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Acute toxicity (inhalation) :	Not classified		
Bis(2-ethylhexyl) adipate (103-23-1)			
LD50 oral rat	5600 mg/kg (Source: NLM_CIP)		
LD50 dermal rabbit	8410 mg/kg (Source: NLM_CIP)		
LC50 Inhalation - Rat	> 5.7 mg/l/4h		
Linalyl acetate (115-95-7)			
LD50 oral rat	14550 mg/kg (Source: EPA_HPV)		
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA)		
LC50 Inhalation - Rat	> 18.94 mg/l (Exposure time: 8 h Source: ECHA)		
(R)-p-mentha-1,8-diene; d-limonene (5989-27-	5)		
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)		
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)		
Linalool (78-70-6)			
LD50 oral	2790 mg/kg		
	Hexyl cinnamic aldehyde (101-86-0)		
Hexyl cinnamic aldehyde (101-86-0)			
Hexyl cinnamic aldehyde (101-86-0)  LD50 oral rat	3100 mg/kg (Source: NLM_CIP)		
	3100 mg/kg (Source: NLM_CIP) 3100 mg/kg bodyweight		
LD50 oral rat			
LD50 oral rat	3100 mg/kg bodyweight		
LD50 oral rat  LD50 oral  LD50 dermal rabbit	3100 mg/kg bodyweight > 3000 mg/kg (Source: EPA_HPV)		
LD50 oral rat  LD50 oral  LD50 dermal rabbit  LC50 Inhalation - Rat	3100 mg/kg bodyweight > 3000 mg/kg (Source: EPA_HPV)		
LD50 oral rat  LD50 oral  LD50 dermal rabbit  LC50 Inhalation - Rat  Benzyl salicylate (118-58-1)	3100 mg/kg bodyweight > 3000 mg/kg (Source: EPA_HPV) > 5 mg/l/4h		
LD50 oral rat  LD50 oral  LD50 dermal rabbit  LC50 Inhalation - Rat  Benzyl salicylate (118-58-1)  LD50 oral rat	3100 mg/kg bodyweight > 3000 mg/kg (Source: EPA_HPV) > 5 mg/l/4h  2227 mg/kg (Source: NLM_CIP)		
LD50 oral rat  LD50 oral  LD50 dermal rabbit  LC50 Inhalation - Rat  Benzyl salicylate (118-58-1)  LD50 oral rat  LD50 oral	3100 mg/kg bodyweight  > 3000 mg/kg (Source: EPA_HPV)  > 5 mg/l/4h  2227 mg/kg (Source: NLM_CIP)  2200 mg/kg bodyweight		
LD50 oral rat  LD50 oral  LD50 dermal rabbit  LC50 Inhalation - Rat  Benzyl salicylate (118-58-1)  LD50 oral rat  LD50 oral  LD50 dermal rabbit	3100 mg/kg bodyweight  > 3000 mg/kg (Source: EPA_HPV)  > 5 mg/l/4h  2227 mg/kg (Source: NLM_CIP)  2200 mg/kg bodyweight		
LD50 oral rat  LD50 oral  LD50 dermal rabbit  LC50 Inhalation - Rat  Benzyl salicylate (118-58-1)  LD50 oral rat  LD50 oral  LD50 dermal rabbit  Allyl heptanoate (142-19-8)	3100 mg/kg bodyweight  > 3000 mg/kg (Source: EPA_HPV)  > 5 mg/l/4h  2227 mg/kg (Source: NLM_CIP)  2200 mg/kg bodyweight  > 5000 mg/kg (Source: CHEMVIEW)		
LD50 oral rat  LD50 oral  LD50 dermal rabbit  LC50 Inhalation - Rat  Benzyl salicylate (118-58-1)  LD50 oral rat  LD50 oral  LD50 dermal rabbit  Allyl heptanoate (142-19-8)  LD50 oral rat	3100 mg/kg bodyweight  > 3000 mg/kg (Source: EPA_HPV)  > 5 mg/l/4h  2227 mg/kg (Source: NLM_CIP)  2200 mg/kg bodyweight  > 5000 mg/kg (Source: CHEMVIEW)		

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L-Carvone (6485-40-1)		
LD50 oral rat	5400 mg/kg (Source: KR_NIER)	
LD50 oral	2500 mg/kg bodyweight	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
LD50 dermal	3800 mg/kg bodyweight	
COUMARIN (91-64-5)		
LD50 oral rat	> 5000 mg/kg (Source: JAPAN_GHS)	
LD50 dermal rat	293 mg/kg (Source: ECHA_API)	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin	ndeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)	
LD50 oral rat	> 3250 mg/kg (Source: CHEMVIEW)	
LD50 dermal rabbit	> 3250 mg/kg (Source: CHEMVIEW)	
LC50 Inhalation - Rat	> 5.04 mg/l/4h	
Geraniol (106-24-1)		
LD50 oral rat	3600 mg/kg (Source: NLM_CIP)	
LD50 oral	3600 mg/kg bodyweight	
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)	
Nerol (106-25-2)		
LD50 oral rat	4500 mg/kg (Source: NLM_CIP)	
LD50 oral	4500 mg/kg bodyweight	
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)	
benzaldehyde (100-52-7)		
LD50 oral rat	1292 mg/kg (Source: JAPAN_GHS)	
LD50 dermal rabbit	> 1250 mg/kg (Source: JAPAN_GHS)	
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)	
Benzyl acetate (140-11-4)		
LD50 oral rat	2490 mg/kg (Source: JAPAN_GHS)	
LD50 oral	2490 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg (Source: JAPAN_GHS)	
Camphor (76-22-2)		
LD50 oral	1500 mg/kg	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
Geranyl acetate (105-87-3)		
LD50 oral rat	6330 mg/kg (Source: NLM_CIP)	
Triplal (Vertocitral) (68039-49-6)		
LD50 oral	2330 mg/kg	

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Alcohol C-10 (112-30-1)	
LD50 oral rat	4720 mg/kg (Source: NZ_CCID)
LD50 dermal rabbit	3560 mg/kg (Source: NLM_CIP)
Aldehyde C-6 (66-25-1)	
LD50 oral rat	4890 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 8100 mg/kg (Source: ECHA_API)
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
2 ,	Not classified
Bis(2-ethylhexyl) adipate (103-23-1)	
IARC group	3 - Not classifiable
(R)-p-mentha-1,8-diene; d-limonene (5989-27-	5)
IARC group	3 - Not classifiable
COUMARIN (91-64-5)	
IARC group	3 - Not classifiable
Benzyl acetate (140-11-4)	
IARC group	3 - Not classifiable
Reproductive toxicity :	Not classified
STOT-single exposure :	Not classified
Camphor (76-22-2)	
STOT-single exposure	May cause damage to organs.
STOT-repeated exposure :	Not classified
	Not classified
(R)-p-mentha-1,8-diene; d-limonene (5989-27-	5)
Hydrocarbon	Yes
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

Potential adverse human health effects and symptoms

: Based on available data, the classification criteria are not met

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long–term : Toxic to aquatic life with long lasting effects.

(chronic)

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Bis(2-ethylhexyl) adipate (103-23-1)				
LC50 - Fish [1]	0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)			
LC50 - Fish [2]	0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)			
EC50 - Crustacea [1]	> 1.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)			
EC50 72h - Algae [1]	> 500 mg/l (Species: Desmodesmus subspicatus)			
Linalyl acetate (115-95-7)				
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA)			
(R)-p-mentha-1,8-diene; 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)			
Linalool (78-70-6)				
EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)			
Benzyl salicylate (118-58-1)				
LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)			
L-Carvone (6485-40-1)				
LC50 - Fish [1]	6.1 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA)			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)				
LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682			
LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas			
EC50 - Crustacea [2]	260 μg/l REACH Dossier			
EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier			
Geraniol (106-24-1)				
LC50 - Fish [1]	22 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)			
Nerol (106-25-2)				
LC50 - Fish [1]	20.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] 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)			
Heliotropine (120-57-0)				
LC50 - Fish [1]	2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static] Source: ECHA)			
Alcohol C-10 (112-30-1)				
LC50 - Fish [1]	2.2 – 2.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)			
LC50 - Fish [2]	4.12 – 6.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)			

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Alcohol C-10 (112-30-1)	
EC50 - Crustacea [1]	3 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Aldehyde C-6 (66-25-1)	
LC50 - Fish [1]	12 – 16.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
12.2. Persistence and degradability	
GREEN TEA & MINT FR24546	
Persistence and degradability	Not established.
Bis(2-ethylhexyl) adipate (103-23-1)	
Persistence and degradability	Rapidly degradable
Linalyl acetate (115-95-7)	
Persistence and degradability	Rapidly degradable
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethy	yl-2-naphthalenyl)ethanone (54464-57-2)
Persistence and degradability	Rapidly degradable
(R)-p-mentha-1,8-diene; d-limonene (5989-27-	5)
Persistence and degradability	Rapidly degradable
Linalool (78-70-6)	
Persistence and degradability	Rapidly degradable
Hexyl cinnamic aldehyde (101-86-0)	
Persistence and degradability	Rapidly degradable
Benzyl salicylate (118-58-1)	
Persistence and degradability	Rapidly degradable
Allyl heptanoate (142-19-8)	
Persistence and degradability	Rapidly degradable
L-Carvone (6485-40-1)	
Persistence and degradability	Rapidly degradable
COUMARIN (91-64-5)	
Persistence and degradability	Rapidly degradable
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylii	ndeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)
Persistence and degradability	Rapidly degradable
Geraniol (106-24-1)	
Persistence and degradability	Rapidly degradable
Nerol (106-25-2)	
Persistence and degradability	Rapidly degradable
benzaldehyde (100-52-7)	
Persistence and degradability	Rapidly degradable

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Heliotropine (120-57-0)	
Persistence and degradability	Rapidly degradable
Benzyl acetate (140-11-4)	
Persistence and degradability	Rapidly degradable
Camphor (76-22-2)	
Persistence and degradability	Rapidly degradable
Geranyl acetate (105-87-3)	
Persistence and degradability	Rapidly degradable
Triplal (Vertocitral) (68039-49-6)	
Persistence and degradability	Rapidly degradable
Alcohol C-10 (112-30-1)	
Persistence and degradability	Rapidly degradable
Aldehyde C-6 (66-25-1)	
Persistence and degradability	Rapidly degradable
12.3. Bioaccumulative potential	
GREEN TEA & MINT FR24546	
Bioaccumulative potential	Not established.
Bis(2-ethylhexyl) adipate (103-23-1)	
BCF - Fish [1]	(27 dimensionless)
Partition coefficient n-octanol/water (Log Pow)	8.94 (at 25 °C)
Linalyl acetate (115-95-7)	
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)
(R)-p-mentha-1,8-diene; d-limonene (5989-27-	5)
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)
Benzyl salicylate (118-58-1)	
Partition coefficient n-octanol/water (Log Pow)	4
Allyl heptanoate (142-19-8)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 20 °C (at pH 5.3)
L-Carvone (6485-40-1)	
Partition coefficient n-octanol/water (Log Pow)	2.74 (at 37 °C (at pH 7.2)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylii	ndeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)
BCF - Fish [1]	(1618 dimensionless (whole body w.w.)
Partition coefficient n-octanol/water (Log Pow)	5.3 (at 25 °C (at pH 7)
Geraniol (106-24-1)	
Partition coefficient n-octanol/water (Log Pow)	2.6 (at 25 °C)

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Nerol (106-25-2)			
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 30 °C (at pH 6.5)		
benzaldehyde (100-52-7)			
BCF - Fish [1]	(no significant bioaccumulation)		
Partition coefficient n-octanol/water (Log Pow)	1.4 (at 25 °C)		
Heliotropine (120-57-0)			
Partition coefficient n-octanol/water (Log Pow)	1.2 (at 35 °C)		
Benzyl acetate (140-11-4)			
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7)		
Camphor (76-22-2)			
Partition coefficient n-octanol/water (Log Pow)	2.414 (at 25 °C)		
Geranyl acetate (105-87-3)			
Partition coefficient n-octanol/water (Log Pow)	4.04		
Alcohol C-10 (112-30-1)			
Partition coefficient n-octanol/water (Log Pow)	4.5 (at 25 °C (at pH 6)		
Aldehyde C-6 (66-25-1)			
Partition coefficient n-octanol/water (Log Pow)	2.3 (at 25 °C (at pH 5)		

### 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

Ecological information

HP Code

- : 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.
- : 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.

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

# **SECTION 14: Transport information**

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

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ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID n	umber			
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shippin	g name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)	Environmentally hazardous substance, liquid, n.o.s. (ISO E SUPER)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document descr	iption			
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (ISO E SUPER), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
14.3. Transport hazard	class(es)			
9	9	9	9	9
	**************************************	**************************************	**************************************	**************************************
14.4. Packing group				
111	III	III	III	III
14.5. Environmental haz	zards			
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
No supplementary information	on available			

### 14.6. Special precautions for user

### **Overland transport**

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 375, 601

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 : TP1, TP29

(ADR)

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 : CV13

and handling (ADR)

Hazard identification number (Kemler No.) : 90

Orange plates



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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 : LP01, P001 Packing instructions (IMDG) Special packing provisions (IMDG) : PP1 IBC packing instructions (IMDG) : IBC03 Tank instructions (IMDG) T4 Tank special provisions (IMDG) : TP1, TP29 : F-A EmS-No. (Fire) : S-F

Air transport

EmS-No. (Spillage)

Stowage category (IMDG)

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

: A97, A158, A197, A215 Special provisions (IATA)

: A

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) Т 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

: P001, IBC03, LP01, R001 Packing instructions (RID)

Special packing provisions (RID) : PP1 : MP19 Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) · T4 Portable tank and bulk container special provisions : TP1, TP29

(RID)

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

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### **SECTION 15: Regulatory information**

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

### 15.1.1. EU-Regulations

### **REACH Annex XVII (Restriction List)**

EU restriction list (REACH Annex XVII)				
Reference code	Applicable on	Entry title or description		
3(a)	(R)-p-mentha-1,8-diene; d-limonene ; Aldehyde C- 6	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)	GREEN TEA & MINT FR24546; Linalyl acetate; 1- (1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl)ethanone; (R)-p-mentha-1,8-diene; d-limonene; Linalool; Hexyl cinnamic aldehyde; Benzyl salicylate; Allyl heptanoate; L-Carvone; Geraniol; Nerol; benzaldehyde; Geranyl acetate; Triplal (Vertocitral)	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)	GREEN TEA & MINT FR24546; 1- (1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl)ethanone; (R)-p-mentha-1,8-diene; d-limonene; Hexyl cinnamic aldehyde; Benzyl salicylate; Allyl heptanoate; 1,3,4,6,7,8- hexamethylindeno[5,6- c]pyran; galaxolide; (HHCB); Benzyl acetate; Geranyl acetate; Triplal (Vertocitral); Alcohol C- 10	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.	(R)-p-mentha-1,8-diene; d-limonene; Camphor; Aldehyde C-6	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

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#### **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)

#### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

#### VOC Directive (2004/42)

VOC content : 11.6344 % (calculated value)(CARB VOC) (%w/w)

#### **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.		Category, Subcategory	Threshold	Annex
Piperonal		120-57-0	2932 93 00	Category 1		Annex I

#### 15.1.2. National regulations

#### France

Occupational diseases		
Code	Description	
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide	

#### Germany

: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1). Water hazard class (WGK)

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

**Netherlands** 

ABM category

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

: A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic

Triplal (Vertocitral) is listed Triplal (Vertocitral) is listed

None of the components are listed : None of the components are listed

: None of the components are listed

**Denmark** 

Class for fire hazard : Class III-1 Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines

for the storage of flammable liquids must be followed

**Danish National Regulations** : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with

the product

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# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Other information : None.

Full tout of the and Fill	Latatamanta
Full text of H- and EUH	
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 (Inhalation)	Acute toxicity (inhal.), 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
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
H226	Flammable liquid and vapour.
H228	Flammable solid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic 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.
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.
Skin Irrit. 2	Skin corrosion/irritation, Category 2

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Full text of H- and EUH-statements:		
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2	

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body.