

# Tom Tailor Adventurous EdT

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
Issue date: 6/11/2021 Revision date: 6/11/2021 Version: 1.00

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

#### 1.1. Product identifier

Trade name : Tom Tailor Adventurous EdT  
Type of product : Cosmetic product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Use of the substance/mixture : Perfumes, fragrances

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer/Supplier

LUXESS GmbH  
Gothaer Str. 2  
40880 Ratingen  
T 0049 2102 12785-0 - F 0049 2102 12785-29

##### Email competent person

sds@kft.de

#### 1.4. Emergency telephone number

Emergency number : Tel.: 0049 2102 12785-0 (Mo-Fr: 9-16 Uhr)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Flammable liquids, Category 2	H225
Serious eye damage/eye irritation, Category 2	H319
Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412

Full text of H-statements: see section 16

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

Highly flammable liquid and vapour. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Danger

Hazard statements (CLP) :

H225 - Highly flammable liquid and vapour.  
H319 - Causes serious eye irritation.  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P102 - Keep out of reach of children.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, eye protection.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P501 - Dispose of contents, container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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EUH-statements	: EUH208 - Contains BENZYL SALICYLATE, COUMARIN, LIMONENE, LINALOOL, TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES, LINALYL ACETATE, ETHYL LINALOOL, DIHYDRO PENTAMETHYLINDANONE, METHYLENEDIOXYPHENYL METHYLPROPANAL. May produce an allergic reaction.
Extra phrases	: The product is subject of the Regulation 1223/2009 for cosmetics in its current version.
Child-resistant fastening	: Not applicable
Tactile warning	: Applicable

### 2.3. Other hazards

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

Component	
ethanol (64-17-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
oxydipropanol (25265-71-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
benzyl salicylate (118-58-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one (33704-61-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
(R)-p-Mentha-1,8-diene (5989-27-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
galaxolide (1222-05-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Linalool (78-70-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
linalyl acetate (115-95-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
alpha-methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Coumarin (91-64-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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Component	
reaction mass of: (E)-oxacyclohexadec-12-en-2-one; (E)-oxacyclohexadec-13-en-2-one; a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one (34902-57-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
(Z)-3-hexenyl salicylate (65405-77-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethanol substance with national workplace exposure limit(s) (DE)	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43-xxxx	≥ 70 – < 80	Flam. Liq. 2, H225 Eye Irrit. 2, H319
oxydipropanol substance with national workplace exposure limit(s) (DE)	(CAS-No.) 25265-71-8 (EC-No.) 246-770-3 (REACH-no) 01-2119456811-38-xxxx	≥ 5 – < 10	Not classified
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	(CAS-No.) 54464-57-2 (EC-No.) 915-730-3 (REACH-no) 01-2119489989-04-xxxx	≥ 0.25 – < 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 1, H410
benzyl salicylate	(CAS-No.) 118-58-1 (EC-No.) 204-262-9 (REACH-no) 01-2119969442-31-xxxx	≥ 0.25 – < 1	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	(CAS-No.) 33704-61-9 (EC-No.) 251-649-3 (REACH-no) 01-2119977131-40-xxxx	≥ 0.25 – < 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
(R)-p-Mentha-1,8-diene substance with national workplace exposure limit(s) (DE)	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7 (REACH-no) 01-2119529223-47-xxxx	≥ 0.1 – < 0.25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
galaxolide	(CAS-No.) 1222-05-5 (EC-No.) 214-946-9 (EC Index-No.) 603-212-00-7 (REACH-no) 01-2119488227-29-xxxx	≥ 0.1 – < 0.25	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
3,7-dimethylnona-1,6-dien-3-ol	(CAS-No.) 10339-55-6 (EC-No.) 233-732-6 (REACH-no) 01-2119969272-32-xxxx	≥ 0.1 – < 0.25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4 (REACH-no) 01-2119474016-42-xxxx	≥ 0.1 – < 0.25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317

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linalyl acetate	(CAS-No.) 115-95-7 (EC-No.) 204-116-4 (REACH-no) 01-2119454789-19-xxxx	≥ 0.1 – < 0.25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
alpha-methyl-1,3-benzodioxole-5-propionaldehyde	(CAS-No.) 1205-17-0 (EC-No.) 214-881-6	≥ 0.1 – < 0.25	Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411
Coumarin	(CAS-No.) 91-64-5 (EC-No.) 202-086-7 (REACH-no) 01-2119949300-45-xxxx	≥ 0.1 – < 0.25	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Sens. 1, H317 Aquatic Chronic 3, H412
reaction mass of: (E)-oxacyclohexadec-12-en-2-one; (E)-oxacyclohexadec-13-en-2-one; a) (Z)- oxacyclohexadec-(12)-en-2-one and b) (Z)- oxacyclohexadec-(13)-en-2-one	(CAS-No.) 34902-57-3 (EC-No.) 422-320-3 (EC Index-No.) 606-092-00-4	≥ 0.1 – < 0.25	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
(Z)-3-hexenyl salicylate	(CAS-No.) 65405-77-8 (EC-No.) 265-745-8 (REACH-no) 01-2119987320-37-xxxx	≥ 0.1 – < 0.25	Aquatic Acute 1, H400

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43-xxxx	( 50 ≤ C < 100) Eye Irrit. 2, H319

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all 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. Do not induce vomiting. Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact	: 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	: Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Strong water jet.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Highly flammable liquid and vapour.
Explosion hazard	: Explosive vapour/air mixtures may be formed.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

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### 5.3. Advice for firefighters

- Firefighting instructions : Protect container with water spray.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

## 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. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes.

#### 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

Notify authorities if product enters sewers or public waters. Avoid sub-soil penetration. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Notify authorities if product enters sewers or public waters.
- Other information : Disposal must be done according to official regulations.

### 6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : In use, may form flammable vapour-air mixture.
- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Avoid contact with skin and eyes.
- Hygiene measures : 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

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed.
- Heat and ignition sources : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from heat and direct sunlight.
- Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

<b>ethanol (64-17-5)</b>	
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Local name	Ethanol
AGW (OEL TWA) [1]	380 mg/m <sup>3</sup>
AGW (OEL TWA) [2]	200 ppm
Peak exposure limitation factor	2(II)
Remark	DFG;Y
Regulatory reference	TRGS900

<b>(R)-p-Mentha-1,8-diene (5989-27-5)</b>	
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Local name	(R)-p-Mentha-1,8-dien (D-Limonen)
AGW (OEL TWA) [1]	28 mg/m <sup>3</sup>
AGW (OEL TWA) [2]	5 ppm
Peak exposure limitation factor	4(II)
Remark	DFG;H;Sh;Y
Regulatory reference	TRGS900

<b>oxydipropanol (25265-71-8)</b>	
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Local name	Oxydipropanol (Dipropylenglykol)
AGW (OEL TWA) [1]	100 mg/m <sup>3</sup> (E)
Peak exposure limitation factor	2(II)
Remark	DFG;Y;11
Regulatory reference	TRGS900

##### 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

<b>ethanol (64-17-5)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	950 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	87 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	114 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	206 mg/kg bodyweight/day

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<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.96 mg/l
PNEC aqua (marine water)	0.79 mg/l
PNEC aqua (intermittent, freshwater)	2.75 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	3.6 mg/kg dwt
PNEC sediment (marine water)	2.9 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.63 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	0.38 kg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	580 mg/l

<b>benzyl salicylate (118-58-1)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	0.9 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	3.17 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects,oral	0.45 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.78 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	0.45 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.001 mg/l
PNEC aqua (marine water)	0 mg/l
PNEC aqua (intermittent, freshwater)	0.01 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.583 mg/kg dwt
PNEC sediment (marine water)	0.058 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	1.41 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	80 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10 mg/l

<b>Coumarin (91-64-5)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	0.79 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	6.78 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects,oral	0.39 mg/kg bodyweight/day
Long-term - systemic effects, dermal	0.39 mg/kg bodyweight/day

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Long-term - local effects, inhalation	1.69 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	19 µg/L
PNEC aqua (marine water)	1.9 µg/L
PNEC aqua (intermittent, freshwater)	14.2 µg/L
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.15 mg/kg dwt
PNEC sediment (marine water)	0.015 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.018 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	30.7 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	6.4 mg/l

<b>(R)-p-Mentha-1,8-diene (5989-27-5)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	9.5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	66.7 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	4.8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	16.6 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	4.8 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	14 µg/L
PNEC aqua (marine water)	1.4 µg/L
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	3.85 mg/kg dwt
PNEC sediment (marine water)	0.385 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.763 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	133 mg/kg
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1.8 mg/l

<b>Linalool (78-70-6)</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute - systemic effects, dermal	5 mg/kg bodyweight/day
Acute - systemic effects, inhalation	16.5 mg/m <sup>3</sup>
Acute - local effects, dermal	3 mg/cm <sup>2</sup>
Long-term - systemic effects, dermal	2.5 mg/kg bodyweight/day
Long-term - local effects, dermal	3 mg/cm <sup>2</sup>



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Long-term - systemic effects, inhalation	2.8 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, dermal	2.5 mg/kg bodyweight/day
Acute - systemic effects, inhalation	4.1 mg/m <sup>3</sup>
Acute - systemic effects, oral	1.2 mg/kg bodyweight/day
Acute - local effects, dermal	1.5 mg/cm <sup>2</sup>
Long-term - systemic effects,oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.7 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	1.25 mg/kg bodyweight/day
Long-term - local effects, dermal	1.5 mg/cm <sup>2</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.2 mg/l
PNEC aqua (marine water)	0.02 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	2.22 mg/kg dwt
PNEC sediment (marine water)	0.222 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.327 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	7.8 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10 mg/l

<b>oxydipropanol (25265-71-8)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	84 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	238 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects,oral	24 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	70 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	51 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.1 mg/l
PNEC aqua (marine water)	0.01 mg/l
PNEC aqua (intermittent, freshwater)	1 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.238 mg/kg dwt
PNEC sediment (marine water)	0.024 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.025 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	313 mg/kg food

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<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1000 mg/l

<b>1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	28.7 mg/kg bodyweight/day
Long-term - local effects, dermal	648 µg/cm <sup>2</sup>
Long-term - systemic effects, inhalation	30 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	9 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	17.2 mg/kg bodyweight/day
Long-term - local effects, dermal	380 µg/cm <sup>2</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	4.4 µg/L
PNEC aqua (marine water)	0.44 µg/L
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	3.73 mg/kg dwt
PNEC sediment (marine water)	0.75 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	2.7 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	26.7 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10 mg/l

<b>galaxolide (1222-05-5)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	60 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	22 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	3.8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	6.5 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	36 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	4.4 µg/L
PNEC aqua (marine water)	0.44 µg/L
PNEC aqua (intermittent, freshwater)	30 µg/L
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	2 mg/kg dwt
PNEC sediment (marine water)	0.394 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.31 mg/kg dwt

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<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	3.3 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1 mg/l

<b>linalyl acetate (115-95-7)</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute - systemic effects, dermal	8 mg/kg bodyweight/day
Acute - local effects, dermal	263.2 µg/cm <sup>2</sup>
Long-term - systemic effects, dermal	2.5 mg/kg bodyweight/day
Long-term - local effects, dermal	263.2 µg/cm <sup>2</sup>
Long-term - local effects, inhalation	2.75 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, dermal	1.25 mg/kg bodyweight
Acute - local effects, dermal	236.2 µg/cm <sup>2</sup>
Long-term - systemic effects, oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.68 mg/m <sup>3</sup>
Long-term - local effects, dermal	236.2 µg/cm <sup>2</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	11 µg/L
PNEC aqua (marine water)	1.1 µg/L
PNEC aqua (intermittent, freshwater)	110 µg/L
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.609 mg/kg dwt
PNEC sediment (marine water)	0.0609 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.115 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10 mg/l

<b>reaction mass of: (E)-oxacyclohexadec-12-en-2-one; (E)-oxacyclohexadec-13-en-2-one; a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one (34902-57-3)</b>	
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	2.7 µg/L
PNEC aqua (marine water)	0.27 µg/L
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	21 mg/kg dwt
PNEC sediment (marine water)	4.2 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	5.44 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10 mg/l

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<b>3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute - systemic effects, dermal	5.5 mg/kg bodyweight/day
Acute - systemic effects, inhalation	18 mg/m <sup>3</sup>
Acute - local effects, dermal	1.6 mg/cm <sup>2</sup>
Long-term - systemic effects, dermal	2.7 mg/kg bodyweight/day
Long-term - local effects, dermal	1.6 mg/cm <sup>2</sup>
Long-term - systemic effects, inhalation	3 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, dermal	2.7 mg/kg bodyweight
Acute - systemic effects, inhalation	4.4 mg/m <sup>3</sup>
Acute - systemic effects, oral	1.3 mg/kg bodyweight
Acute - local effects, dermal	16 mg/cm <sup>2</sup>
Long-term - systemic effects, oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.74 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	1.4 mg/kg bodyweight/day
Long-term - local effects, dermal	16 mg/cm <sup>2</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.023 mg/l
PNEC aqua (marine water)	0.002 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.223 mg/kg dwt
PNEC sediment (marine water)	0.022 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.031 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	8.53 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10 mg/l

<b>1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one (33704-61-9)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	0.42 mg/kg bodyweight/day
Long-term - local effects, dermal	5510 µg/cm <sup>2</sup>
Long-term - systemic effects, inhalation	1.47 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	0.25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.44 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	0.25 mg/kg bodyweight/day
Long-term - local effects, dermal	3241 µg/cm <sup>2</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.004 mg/l

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PNEC aqua (marine water)	0 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	99.1 µg/kg dw
PNEC sediment (marine water)	9.91 µg/kg dw
<b>PNEC (Soil)</b>	
PNEC soil	17.4 µg/kg dw
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	1.11 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10 mg/l

<b>alpha-methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	0.17 mg/kg bodyweight/day
Long-term - local effects, dermal	0.01 mg/cm <sup>2</sup>
Long-term - systemic effects, inhalation	1.2 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	0.17 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.29 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	0.083 mg/kg bodyweight/day
Long-term - local effects, dermal	0.005 mg/cm <sup>2</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.005 mg/l
PNEC aqua (marine water)	0.001 mg/l
PNEC aqua (intermittent, freshwater)	0.053 mg/l
PNEC aqua (intermittent, marine water)	0.053 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.057 mg/kg dwt
PNEC sediment (marine water)	0.006 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.008 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10 mg/l

### 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

##### 8.2.2.1. Eye and face protection

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### Eye protection:

Wear closed safety glasses. EN 166

### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing. EN ISO 13688. EN 13034

#### Hand protection:

In case of repeated or prolonged contact wear gloves. Butyl rubber. Nitrile rubber. EN 374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust. Breathing apparatus with filter. A-P2. EN 143. In case of insufficient ventilation, wear suitable respiratory equipment. For details on conditions of use and maximum use concentrations, see DGUV Regulation 112-190 - Use of respiratory protective equipment.

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Always wash hands after handling the product. The above mentioned instructions regarding the protective equipment refer to the industrial use of larger quantities.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: colourless to slightly yellow.
Appearance	: clear.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: ≈ 78 °C (Ethanol)
Flammability	: Not applicable
Explosive properties	: Product is not explosive. Explosive vapour/air mixtures may be formed.
Oxidising properties	: Non oxidizing.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 18.5 °C (Ethanol)
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available

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Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

### 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

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

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ATE CLP (oral)	> 2000 mg/kg bodyweight
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#### Coumarin (91-64-5)

LD50 oral rat	≈ 520 mg/kg (eq. (OECD 401 method))
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Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Additional information	: May cause sensitisation of susceptible persons

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Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

<b>benzyl salicylate (118-58-1)</b>	
LC50 - Fish [1]	1.03 mg/l (96h; Danio rerio; EU Method C.1)
EC50 - Crustacea [1]	1.16 mg/l (48h, Daphnia magna, OECD guideline 202)
EC50 72h algae	1.29 mg/l (72h, Pseudokirchneriella subcapitata, OECD guideline 201)
NOEC chronic crustacea	0.894 mg/l (48h; Daphnia magna; (OECD 202 method))
NOEC chronic algae	0.502 mg/l (72h; Pseudokirchnerella subcapitata; (OECD 201 method))

<b>Coumarin (91-64-5)</b>	
LC50 - Fish [1]	2.94 mg/l (96 h; Quantitative structure-activity relationship (QSAR))
EC50 - Crustacea [1]	8.012 mg/l (48h; EC50 (Daphnia Magna))
ErC50 algae	1.452 mg/l (96 h; Quantitative structure-activity relationship (QSAR))
NOEC chronic fish	0.191 mg/l (30 d; Quantitative structure-activity relationship (QSAR))
NOEC chronic crustacea	0.5 mg/l (21 d; Quantitative structure-activity relationship (QSAR))
NOEC chronic algae	0.431 mg/l (3 d; Quantitative structure-activity relationship (QSAR))

<b>(R)-p-Mentha-1,8-diene (5989-27-5)</b>	
LC50 - Fish [1]	702 µg/l (96 h; Pimephales promelas; (OECD 203 method))
EC50 - Crustacea [1]	0.307 mg/l (48 h; Daphnia magna; (OECD 202 method))
ErC50 algae	0.214 mg/l (72 h; Pseudokirchneriella subcapitata; (OECD 201 method))
LOEC (chronic)	0.188 mg/l
NOEC (chronic)	0.08 mg/l (21 d; Daphnia magna; (OECD 211 method))
NOEC chronic fish	0.059 mg/l (8 d; Pimephales promelas; (OECD 212 method))
NOEC chronic crustacea	80 µg/L (21 d; Daphnia magna; (OECD 211 method))

<b>1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2)</b>	
LC50 - Fish [1]	1.3 mg/l (96h; Lepomis macrochirus; (OECD 203 method))



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EC50 - Crustacea [1]	1.38 mg/l (48h; Daphnia magna; (OECD 202 method))
EC50 72h algae	> 2.6 mg/l (Desmodesmus subspicatus; (OECD 201 method))
NOEC (chronic)	0.028 mg/l (21d; Daphnia magna; (OECD 211 method))
NOEC chronic fish	0.16 mg/l (30d; Danio rerio; (OECD 210 method))

<b>galaxolide (1222-05-5)</b>	
LC50 - Fish [1]	0.95 mg/l (96h; Oryzias latipes;(OECD 203 method))
EC50 - Crustacea [1]	0.3 mg/l (48h; Daphnia magna; (OECD 202 method))
EC50 72h algae	> 854 mg/l (Pseudo-kirchneriella subcapitata; (OECD 201 method))
NOEC chronic fish	> 0.14 mg/l (36d; Pimephales promelas; (OECD 210 method))

<b>reaction mass of: (E)-oxacyclohexadec-12-en-2-one; (E)-oxacyclohexadec-13-en-2-one; a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one (34902-57-3)</b>	
LC50 - Fish [1]	0.797 mg/l (96 h; Oncorhynchus mykiss; (OECD 203 method))
EC50 - Crustacea [1]	0.6 mg/l (48 h; Daphnia magna; (OECD 202 method))
ErC50 algae	0.4 mg/l (72 h; Desmodesmus subspicatus; EU Method C.3)
NOEC chronic fish	0.027 mg/l (33 d; Pimephales promelas; (OECD 210 method))
NOEC chronic crustacea	0.068 mg/l (21 d; Daphnia magna; (OECD 211 method))

<b>(Z)-3-hexenyl salicylate (65405-77-8)</b>	
LC50 - Fish [1]	3.8 mg/l (96h; Danio rerio)
EC50 - Crustacea [1]	2.7 mg/l (48h; Daphnia magna; (OECD 202 method))
EC50 72h algae	0.28 mg/l (Desmodesmus subspicatus; (OECD 201 method))

<b>1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one (33704-61-9)</b>	
LC50 - Fish [1]	2.12 mg/l (96 h; Oryzias latipes)
EC50 - Crustacea [1]	1.5 mg/l (48 h; Daphnia magna; (OECD 202 method))
ErC50 algae	10 mg/l (72 h; Desmodesmus subspicatus; (OECD 201 method))
NOEC chronic algae	1.4 mg/l (72 h; Desmodesmus subspicatus; (OECD 201 method))

<b>alpha-methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)</b>	
LC50 - Fish [1]	5.3 mg/l (96h; Oncorhynchus mykiss; (OECD 203 method))
EC50 - Crustacea [1]	8.3 mg/l (48h; Daphnia magna; (OECD 202 method))
EC50 72h algae	28 mg/l (Pseudokirchneriella subcapitata; Growth rate; (OECD 201 method))

### 12.2. Persistence and degradability

<b>ethanol (64-17-5)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	84 % (20 d)

<b>benzyl salicylate (118-58-1)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	93 % (28d; (OECD 301F method))

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<b>Coumarin (91-64-5)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	90 % (28 d; (OECD 301F method))
<b>(R)-p-Mentha-1,8-diene (5989-27-5)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	80 % (28 d; (OECD 301D method))
<b>Linalool (78-70-6)</b>	
Persistence and degradability	Readily biodegradable.
<b>oxydipropanol (25265-71-8)</b>	
Persistence and degradability	Readily biodegradable. (OECD 301F method).
BOD (% of ThOD)	84.4 % ThOD (28 d)
<b>1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2)</b>	
Persistence and degradability	Not readily biodegradable.
Biodegradation	11 % (28d; (OECD 301C method))
<b>galaxolide (1222-05-5)</b>	
Persistence and degradability	Biodegradable.
<b>linalyl acetate (115-95-7)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	70 – 80 % (OECD 301F method)
<b>reaction mass of: (E)-oxacyclohexadec-12-en-2-one; (E)-oxacyclohexadec-13-en-2-one; a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one (34902-57-3)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	96 % (28 h; (OECD 301F method))
<b>(Z)-3-hexenyl salicylate (65405-77-8)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	89 % (28d; (OECD 301F method))
<b>3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	91 % (28d; (OECD 301F method))
<b>1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one (33704-61-9)</b>	
Persistence and degradability	Not biodegradable.
Biodegradation	0 % (28 d; (OECD 301C method))
<b>alpha-methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)</b>	
Biodegradation	65 % 28d; (OECD 301F method))

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### 12.3. Bioaccumulative potential

<b>ethanol (64-17-5)</b>	
Partition coefficient n-octanol/water (Log Kow)	-0.35 (20 °C)
Bioaccumulative potential	Bioaccumulation unlikely.

<b>benzyl salicylate (118-58-1)</b>	
Partition coefficient n-octanol/water (Log Pow)	4 (OECD 117 method)

<b>Coumarin (91-64-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.39 (25 °C, pH 7; Quantitative structure-activity relationship (QSAR))

<b>(R)-p-Mentha-1,8-diene (5989-27-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.38 (37 °C; pH 7.2; (OECD 117 method))

<b>Linalool (78-70-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.9 (20°C)

<b>oxydipropanol (25265-71-8)</b>	
Bioconcentration factor (BCF REACH)	0.3 (42 d; Cyprinus carpio; OECD 305 C)
Partition coefficient n-octanol/water (Log Pow)	0.462 (20 °C)
Bioaccumulative potential	There is no bioaccumulation.

<b>1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2)</b>	
Bioconcentration factor (BCF REACH)	603 (OECD 305 method)
Bioaccumulative potential	bioaccumulative.

<b>galaxolide (1222-05-5)</b>	
BCF - Fish [1]	1550 (OECD 305 method)
Partition coefficient n-octanol/water (Log Pow)	5.3 (pH 7; 25°C)
Bioaccumulative potential	There is no bioaccumulation.

<b>linalyl acetate (115-95-7)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.9 (25°C)

<b>(Z)-3-hexenyl salicylate (65405-77-8)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.8 (25°C; (OECD 117 method))

<b>3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.3 (OECD 107 method)

<b>alpha-methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.4 (25°C; (OECD 117 method))

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### 12.4. Mobility in soil

ethanol (64-17-5)	
Surface tension	22.31 mN/m (20 °C)

Coumarin (91-64-5)	
Partition coefficient n-octanol/water (Log Koc)	1.63

oxydipropanol (25265-71-8)	
Surface tension	0.074 N/m
Partition coefficient n-octanol/water (Log Koc)	0.78
Ecology - soil	Expected to be highly mobile in soil.

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2)	
Partition coefficient n-octanol/water (Log Koc)	4.12
Ecology - soil	Expected to be highly mobile in soil.

galaxolide (1222-05-5)	
Partition coefficient n-octanol/water (Log Koc)	4.87 (OECD 106 method)

alpha-methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)	
Partition coefficient n-octanol/water (Log Koc)	1.85 (OECD 121 method)

### 12.5. Results of PBT and vPvB assessment

Tom Tailor Adventurous EdT	
PBT: not relevant – no registration required	
vPvB: not relevant – no registration required	

Component	
ethanol (64-17-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
oxydipropanol (25265-71-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
benzyl salicylate (118-58-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one (33704-61-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
(R)-p-Mentha-1,8-diene (5989-27-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
galaxolide (1222-05-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Linalool (78-70-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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linalyl acetate (115-95-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
alpha-methyl-1,3-benzodioxole-5-propionaldehyde (1205-17-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Coumarin (91-64-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
reaction mass of: (E)-oxacyclohexadec-12-en-2-one; (E)-oxacyclohexadec-13-en-2-one; a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one (34902-57-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
(Z)-3-hexenyl salicylate (65405-77-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods

: Disposal must be done according to official regulations. European waste catalogue. Do not discharge into drains or the environment. Do not dispose of with domestic waste.

Product/Packaging disposal recommendations

: Recycle or dispose of in compliance with current legislation.

Additional information

: Flammable vapours may accumulate in the container.

HP Code

: HP3 - "Flammable:"

— flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;

— flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;

— flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;

— flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;

— water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;

— other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 1266	UN 1266	UN 1266	UN 1266	UN 1266
<b>14.2. UN proper shipping name</b>				
PERFUMERY PRODUCTS	PERFUMERY PRODUCTS	Perfumery products	PERFUMERY PRODUCTS	PERFUMERY PRODUCTS

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## Safety Data Sheet

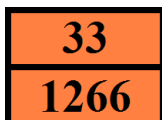
according to Regulation (EC) No. 1907/2006 (REACH)

Transport document description				
UN 1266 PERFUMERY PRODUCTS, 3, II, (D/E)	UN 1266 PERFUMERY PRODUCTS, 3, II	UN 1266 Perfumery products, 3, II	UN 1266 PERFUMERY PRODUCTS, 3, II	UN 1266 PERFUMERY PRODUCTS, 3, II
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : F1  
Special provisions (ADR) : 163, 640C  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E2  
Transport category (ADR) : 2  
Hazard identification number (Kemler No.) : 33  
Orange plates :



Tunnel restriction code (ADR) : D/E

#### Transport by sea

Special provisions (IMDG) : 163  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E2  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-D

#### Air transport

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y341  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 353  
PCA max net quantity (IATA) : 5L  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3, A72

#### Inland waterway transport

Classification code (ADN) : F1  
Special provisions (ADN) : 163, 640C  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E2  
Additional requirements/Remarks (ADN) :

#### Rail transport

Classification code (RID) : F1  
Special provisions (RID) : 163, 640C  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E2

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Transport category (RID) : 2  
Hazard identification number (RID) : 33

### 14.7. Maritime transport in bulk according to IMO instruments

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 on
3(a)	Tom Tailor Adventurous EdT ; ethanol ; (R)-p-Mentha-1,8-diene
3(b)	Tom Tailor Adventurous EdT ; ethanol ; benzyl salicylate ; (R)-p-Mentha-1,8-diene ; Linalool ; 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ; linalyl acetate ; 3,7-dimethylnona-1,6-dien-3-ol ; alpha-methyl-1,3-benzodioxole-5-propionaldehyde
3(c)	Tom Tailor Adventurous EdT ; benzyl salicylate ; (R)-p-Mentha-1,8-diene ; 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ; galaxolide ; reaction mass of: (E)-oxacyclohexadec-12-en-2-one; (E)-oxacyclohexadec-13-en-2-one; a) (Z)-oxacyclohexadec-(12)-en-2-one and b) (Z)-oxacyclohexadec-(13)-en-2-one ; (Z)-3-hexenyl salicylate ; alpha-methyl-1,3-benzodioxole-5-propionaldehyde
40.	Tom Tailor Adventurous EdT ; ethanol ; (R)-p-Mentha-1,8-diene

Contains no substance on the REACH candidate list

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

Other information, restriction and prohibition regulations : Take note of Directive 94/33/EC on the protection of young people at work. The product is subject of the Regulation 1223/2009 for cosmetics in its current version.

Allergenic fragrances (Cosmetic Regulation (1223/2009/EC)):
BENZYL SALICYLATE LIMONENE LINALOOL COUMARIN CITRONELLOL GERANIOL ALPHA-ISOMETHYL IONONE CITRAL EUGENOL

#### Directive 2012/18/EU (SEVESO III)

Seveso III Part I (Categories of dangerous substances)	Qualifying quantity (tonnes)	
	Lower-tier	Upper-tier
P5c FLAMMABLE LIQUIDS Flammable liquids, Categories 2 or 3 not covered by P5a and P5b	5000	50000

#### 15.1.2. National regulations

##### Germany

Employment restrictions : Employment prohibitions or restrictions on the protection of young people at work according to § 22 JArschG in the case of formation of hazardous substances have to be observed.

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

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Hazardous Incident Ordinance (12. BImSchV)	: Listed in the 12. BImSchV (Annex I) under: 1.2.5.3 - Quantity threshold for operational area under § 1 para. 1 - Sentence 1 :5000000 kg - Sentence 2 :50000000 kg
National Rules and Recommendations	: TRGS 400: Risk Assessment for Activities involving Hazardous Substances TRGS 510: Storage of hazardous substances in non-stationary containers TRGS 520: Construction and operation of collection points and temporary storage for small amounts of hazardous waste TRGS 900: Occupational Exposure Limits
Storage class (LGK, TRGS 510)	: LGK 3 - Flammable liquids

### 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
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
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
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Data sources : MSDSs of the suppliers. European Chemicals Agency, <http://echa.europa.eu/>.



# Tom Tailor Adventurous EdT

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Department issuing data : KFT Chemieservice GmbH  
specification sheet: Im Leuschnerpark 3  
D-64347 Griesheim

Phone: +49 6155-8981-400  
Fax: +49 6155 8981-500  
SDS Service: +49 6155 8981-522

Contact person : Katharina Rieker

Full text of H- and EUH-statements:	
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 Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
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.
EUH208	Contains BENZYL SALICYLATE, COUMARIN, LIMONENE, LINALOOL, TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES, LINALYL ACETATE, ETHYL LINALOOL, DIHYDRO PENTAMETHYLINDANONE, METHYLENEDIOXYPHENYL METHYLPROPANAL. May produce an allergic reaction.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Flam. Liq. 2	H225	Calculation method
Eye Irrit. 2	H319	Calculation method
Aquatic Chronic 3	H412	Calculation method

KFT SDS EU 00

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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.