Tom Tailor MAN EdT

Safety Data Sheet

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

Date of issue: 08/01/2020 Revision date: 08/01/2020 Version: 1.00

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

1.1. Product identifier

Trade name : Tom Tailor MAN EdT

Article number : RZ00297900

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

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 eye protection.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements	: EUH208 - Contains dipentene, Linalool, benzyl salicylate, Coumarin, reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, linalyl acetate, 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one, 3,7-dimethylnona-1,6-dien-3-ol. 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

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	(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
dipentene (Note C)	(CAS-No.) 138-86-3 (EC-No.) 205-341-0 (EC Index-No.) 601-029-00-7	>=0.25 - <1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	(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
linalyl acetate	(CAS-No.) 115-95-7 (EC-No.) 204-116-4 (REACH-no) 01-2119454789-19-xxxx	>=0.25 - <1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
diethyl phthalate substance with national workplace exposure limit(s) (GB)	(CAS-No.) 84-66-2 (EC-No.) 201-550-6	>=0.25 - <1	Not classified
benzyl salicylate	(CAS-No.) 118-58-1 (EC-No.) 204-262-9	>=0.1 - <0.25	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	>=0.1 - <0.25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Coumarin	(CAS-No.) 91-64-5 (EC-No.) 202-086-7	>=0.1 - <0.25	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Chronic 3, H412
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
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
2,6-di-tert-butyl-p-cresol substance with national workplace exposure limit(s) (GB)	(CAS-No.) 128-37-0 (EC-No.) 204-881-4 (REACH-no) 01-2119555270-46-xxxx	< 0.1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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

Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Full text of H-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 : 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.

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

diethyl phthalate (84-66-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Diethyl phthalate
WEL TWA (mg/m³)	5 mg/m³
WEL STEL (mg/m³)	10 mg/m³
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

Ethanol (64-17-5)	
United Kingdom - Occupational Exposure Limits	
Local name	Ethanol
WEL TWA (mg/m³)	1920 mg/m³
WEL TWA (ppm)	1000 ppm
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

2,6-di-tert-butyl-p-cresol (128-37-0)	
United Kingdom - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
WEL TWA (mg/m³)	10 mg/m³
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	3.6 mg/kg bodyweight/day
Long-term - local effects, dermal	648 µg/cm²
Long-term - systemic effects, inhalation	7.33 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	1.25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.16 mg/m³
Long-term - systemic effects, dermal	2.15 mg/kg bodyweight/day
Long-term - local effects, dermal	380 µg/cm²
PNEC (Water)	
PNEC aqua (freshwater)	2.8 µg/L
PNEC aqua (marine water)	0.28 µg/L
PNEC (Sediment)	
PNEC sediment (freshwater)	3.73 mg/kg dwt
PNEC sediment (marine water)	0.75 mg/kg dwt
PNEC (Soil)	
PNEC soil	2.7 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	10 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

linalyl acetate (115-95-7)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	8 mg/kg bodyweight/day
Acute - local effects, dermal	263.2 µg/cm²
Long-term - systemic effects, dermal	2.5 mg/kg bodyweight/day
Long-term - local effects, dermal	263.2 µg/cm²
Long-term - local effects, inhalation	2.75 mg/m³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	1.25 mg/kg bodyweight
Acute - local effects, dermal	236.2 mg/cm²
Long-term - systemic effects,oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.68 mg/m³
Long-term - local effects, dermal	236.2 µg/cm²
PNEC (Water)	
PNEC aqua (freshwater)	11 µg/L
PNEC aqua (marine water)	1.1 µg/L
PNEC aqua (intermittent, freshwater)	110 µg/L
PNEC (Sediment)	
PNEC sediment (freshwater)	0.609 mg/kg dwt
PNEC sediment (marine water)	0.0609 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.115 mg/kg dwt

linalyl acetate (115-95-7)	
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

Linalool (78-70-6)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	5 mg/kg bodyweight/day
Acute - systemic effects, inhalation	16.5 mg/m³
Acute - local effects, dermal	3 mg/cm²
Long-term - systemic effects, dermal	2.5 mg/kg bodyweight/day
Long-term - local effects, dermal	3 mg/cm²
Long-term - systemic effects, inhalation	2.8 mg/m³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	2.5 mg/kg bodyweight/day
Acute - systemic effects, inhalation	4.1 mg/m³
Acute - systemic effects, oral	1.2 mg/kg bodyweight/day
Acute - local effects, dermal	1.5 mg/cm²
Long-term - systemic effects,oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.7 mg/m³
Long-term - systemic effects, dermal	1.25 mg/kg bodyweight/day
Long-term - local effects, dermal	1.5 mg/cm²
PNEC (Water)	
PNEC aqua (freshwater)	0.2 mg/l
PNEC aqua (marine water)	0.02 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	2.22 mg/kg dwt
PNEC sediment (marine water)	0.222 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.327 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	7.8 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

Ethanol (64-17-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	950 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	87 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	114 mg/m³
Long-term - systemic effects, dermal	206 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.96 mg/l
PNEC aqua (marine water)	0.79 mg/l
PNEC aqua (intermittent, freshwater)	2.75 mg/l

Ethanol (64-17-5)	
PNEC (Sediment)	
PNEC sediment (freshwater)	3.6 mg/kg dwt
PNEC sediment (marine water)	2.9 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.63 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	0.38 kg/kg food
PNEC (STP)	
PNEC sewage treatment plant	580 mg/l

Coumarin (91-64-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.79 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	6.78 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	0.39 mg/kg bodyweight/day
Long-term - systemic effects, dermal	0.39 mg/kg bodyweight/day
Long-term - local effects, inhalation	1.69 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	19 µg/L
PNEC aqua (marine water)	1.9 µg/L
PNEC aqua (intermittent, freshwater)	14.2 µg/L
PNEC (Sediment)	
PNEC sediment (freshwater)	0.15 mg/kg dwt
PNEC sediment (marine water)	0.015 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.018 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	30.7 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	6.4 mg/l

benzyl salicylate (118-58-1)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.9 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	3.17 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	0.45 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.78 mg/m³
Long-term - systemic effects, dermal	0.45 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.001 mg/l
PNEC aqua (marine water)	0 mg/l
PNEC aqua (intermittent, freshwater)	0.01 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.583 mg/kg dwt

benzyl salicylate (118-58-1)	
PNEC sediment (marine water)	0.058 mg/kg dwt
PNEC (Soil)	
PNEC soil	1.41 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	80 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	5.5 mg/kg bodyweight/day
Acute - systemic effects, inhalation	18 mg/m³
Acute - local effects, dermal	16 mg/cm²
Long-term - systemic effects, dermal	2.7 mg/kg bodyweight/day
Long-term - local effects, dermal	16 mg/cm²
Long-term - systemic effects, inhalation	3 mg/m³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	2.7
Acute - systemic effects, inhalation	4.4 mg/m³
Acute - systemic effects, oral	1.3 mg/kg bodyweight
Acute - local effects, dermal	16 mg/cm²
Long-term - systemic effects,oral	0.2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.74 mg/m³
Long-term - systemic effects, dermal	1.4 mg/kg bodyweight/day
Long-term - local effects, dermal	16 mg/cm²
PNEC (Water)	
PNEC aqua (freshwater)	0.023 mg/l
PNEC aqua (marine water)	0.002 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.223 mg/kg dwt
PNEC sediment (marine water)	0.022 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.031 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	8.53 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one (33704-61-9)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.42 mg/kg bodyweight/day
Long-term - local effects, dermal	5510 µg/cm²
Long-term - systemic effects, inhalation	1.47 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	0.25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.44 mg/m³

1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one (33704-61-9)	
Long-term - systemic effects, dermal	0.25 mg/kg bodyweight/day
Long-term - local effects, dermal	3241 µg/cm²
PNEC (Water)	
PNEC aqua (freshwater)	0.004 mg/l
PNEC aqua (marine water)	0 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	99.1 µg/kg dw
PNEC sediment (marine water)	9.91 µg/kg dw
PNEC (Soil)	
PNEC soil	17.4 µg/kg dw
PNEC (Oral)	
PNEC oral (secondary poisoning)	1.11 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:
In case of repeated or prolonged contact wear gloves. 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

Eye protection:
Wear closed safety glasses. EN 166

Skin and body protection:
Wear suitable protective clothing. EN 340. EN 13034

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Short term exposure. Breathing apparatus with filter. A-P2. EN 143. 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

Environmental exposure controls:

Avoid release to the environment.

Other information:

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: colourless to slightly yellow.
Odour	: characteristic. aromatic, wooden.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: ≈ 78 °C (Ethanol)
Flash point	: 19.5 °C (Ethanol)
Auto-ignition temperature	: No data available

Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.011 - 1.021 g/cm³
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive. Explosive vapour/air mixtures may be formed.
Oxidising properties	: Non oxidizing.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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)

Coumarin (91-64-5)	
LD50 oral rat	≈ 520 mg/kg (eq. (OECD 401 method))

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 (Based on available data, the classification criteria are not met)
Additional information	: May cause sensitisation of susceptible persons
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)

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.

reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	
LC50 fish 1	1.3 mg/l (96h; Lepomis macrochirus; (OECD 203 method))
EC50 Daphnia 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))

Coumarin (91-64-5)	
LC50 fish 1	2.94 mg/l (96 h; Quantitative structure-activity relationship (QSAR))
EC50 Daphnia 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))

benzyl salicylate (118-58-1)	
LC50 fish 1	1.03 mg/l (96h; Danio rerio; EU Method C.1)
EC50 Daphnia 1	1.16 mg/l (48h, Daphnia magna, OECD guidline 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))

2,6-di-tert-butyl-p-cresol (128-37-0)	
LC50 fish 1	0.199 mg/l (96 h; Quantitative structure-activity relationship (QSAR))
EC50 Daphnia 1	0.48 mg/l (48h; Daphnia magna)
EC50 72h algae	0.4 mg/l (Desmodesmus subspicatus ; EU Method C.3 (Algal Inhibition test))
EC50 96h algae (1)	0.178 mg/l
NOEC (chronic)	> 0.023 mg/l (21d; Daphnia magna; OECD 202)
NOEC chronic fish	0.053 mg/l (Oryzias latipes; OECD 210)

1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one (33704-61-9)	
LC50 fish 1	2.12 mg/l (96 h; Oryzias latipes)
EC50 Daphnia 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))

12.2. Persistence and degradability

reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	
Persistence and degradability	Not readily biodegradable.
Biodegradation	11 % (28d; (OECD 301C method))

diethyl phthalate (84-66-2)	
Persistence and degradability	Readily biodegradable.
Biodegradation	94.6 % (28 d; EPA560/6-82-003)

linalyl acetate (115-95-7)	
Persistence and degradability	Readily biodegradable.
Biodegradation	70 - 80 % (OECD 301F method)

Linalool (78-70-6)	
Persistence and degradability	Readily biodegradable.

Ethanol (64-17-5)	
Persistence and degradability	Readily biodegradable.
Biodegradation	84 % (20 d)

Coumarin (91-64-5)	
Persistence and degradability	Readily biodegradable.
Biodegradation	90 % (28 d; (OECD 301F method))

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

3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	91 % (28d; (OECD 301F method))

2,6-di-tert-butyl-p-cresol (128-37-0)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	4.7 % (28d; (OECD 301C method))

1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one (33704-61-9)	
Persistence and degradability	Not biodegradable.
Biodegradation	0 % (28 d; (OECD 301C method))

12.3. Bioaccumulative potential

reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	
Bioconcentration factor (BCF REACH)	603 (OECD 305 method)
Bioaccumulative potential	bioaccumulative.

diethyl phthalate (84-66-2)	
BCF fish 1	13.1 l/kg Quantitative structure-activity relationship (QSAR)
Log Pow	2.2 (40 °C; pH 7.5; (OECD 117 method))
Bioaccumulative potential	No additional information available.

linalyl acetate (115-95-7)	
Log Pow	3.9 (25°C)

Linalool (78-70-6)	
Log Pow	2.9 (20°C)

Ethanol (64-17-5)	
Log Kow	-0.35 (20 °C)
Bioaccumulative potential	Bioaccumulation unlikely.

benzyl salicylate (118-58-1)	
Log Pow	4 (OECD 117 method)

3,7-dimethylnona-1,6-dien-3-ol (10339-55-6)	
Log Pow	3.3 (OECD 107 method)

2,6-di-tert-butyl-p-cresol (128-37-0)	
Log Pow	5.2

12.4. Mobility in soil

reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	
Log Koc	4.12
Ecology - soil	Expected to be highly mobile in soil.

diethyl phthalate (84-66-2)	
Log Koc	2.39 (21 °C; (OECD 121 method))
Ecology - soil	No additional information available.

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

Coumarin (91-64-5)	
Log Koc	1.63

12.5. Results of PBT and vPvB assessment

Tom Tailor MAN 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
diethyl phthalate (84-66-2)	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
dipentene (138-86-3)	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
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
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
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 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2;68155-66-8;68155-67-9)	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
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
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
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

12.6. 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 / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1266	UN 1266	UN 1266	UN 1266	UN 1266
14.2. UN proper shipping name				
PERFUMERY PRODUCTS (Ethanol)	PERFUMERY PRODUCTS (Ethanol)	Perfumery products (Ethanol)	PERFUMERY PRODUCTS (Ethanol)	PERFUMERY PRODUCTS (Ethanol)
Transport document description				
UN 1266 PERFUMERY PRODUCTS (Ethanol), 3, II, (D/E)	UN 1266 PERFUMERY PRODUCTS (Ethanol), 3, II	UN 1266 Perfumery products (Ethanol), 3, II	UN 1266 PERFUMERY PRODUCTS (Ethanol), 3, II	UN 1266 PERFUMERY PRODUCTS (Ethanol), 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) : 5l
Excepted quantities (ADR) : E2
Transport category (ADR) : 2
Hazard identification number (Kemler No.) : 33
Orange plates :

Tunnel restriction code (ADR) : D/E
EAC code : •3YE

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

Rail transport

Classification code (RID) : F1
Special provisions (RID) : 163, 640C
Limited quantities (RID) : 5L
Excepted quantities (RID) : E2
Transport category (RID) : 2
Hazard identification number (RID) : 33

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:	
Reference code	Applicable on
3(a)	Tom Tailor MAN EdT ; Ethanol ; dipentene ; pin-2(10)-ene ; pin-2(3)-ene
3(b)	Tom Tailor MAN EdT ; Ethanol ; dipentene ; citral ; Linalool ; benzyl salicylate ; benzyl alcohol ; reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ; linalyl acetate ; 3,7-dimethylnona-1,6-dien-3-ol ; pin-2(10)-ene ; pin-2(3)-ene
3(c)	Tom Tailor MAN EdT ; dipentene ; benzyl salicylate ; reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ; pin-2(10)-ene ; pin-2(3)-ene
40.	Tom Tailor MAN EdT ; Ethanol ; dipentene ; pin-2(10)-ene ; pin-2(3)-ene

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 (Cosmetics):
LIMONENE BENZYL SALICYLATE COUMARIN LINALOOL CITRONELLOL CITRAL GERANIOL ALPHA-ISOMETHYL IONONE

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

No additional information available

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 : ECHA (European Chemicals Agency). Information provided by the manufacturer. MSDSs of the suppliers.

Department issuing data specification sheet: : KFT Chemieservice GmbH
Im Leuschnerpark. 3 64347 Griesheim
Germany

Phone: +49 6155-8981-400 Fax: +49 6155 8981-500
Safety Data Sheet 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
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.
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 dipentene, Linalool, benzyl salicylate, Coumarin, reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, linalyl acetate, 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one, 3,7-dimethylnona-1,6-dien-3-ol. 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	On basis of test data
Eye Irrit. 2	H319	Calculation method
Aquatic Chronic 3	H412	Calculation method

KFT SDS EU 00

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.