

CARE+PROTECT _ 100% Pure Essence _ Concentrated laundry perfume Blue Wash

SECTION 1. Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name	100% Pure Essence _ Concentrated laundry perfume Blue Wash		
Model:	LPL1001B	LPL1041B	CDB1101P2
Code:	35602035	35602652	35602866
EAN	8016361971080	8059019052212	8059019086996
Format:	100 ml	400 ml	10 ml
UFI :	QA20-M03E-100J-HGCC		

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

Intended use Concentrated laundry perfume

1.3. Details of the supplier of the safety data sheet

Name Candy Hoover Group S.r.l.
 Full address Via Comolli, 16 - 20861 Brugherio (MB) - Italy
 Telephone number +39 039 20861
 e-mail address of the competent person responsible for the Safety Data Sheet sds@dgsasrl.it

1.4. Emergency telephone number

For urgent inquiries refer to ENGLAND, SCOTLAND (NHS 24) WALES (NHS Direct Wales) - For medical advice contact 111

SECTION 2. Hazards identification**2.1. Classification of the substance or mixture**

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Eye irritation, category 2	H319	Causes serious eye irritation.
Skin irritation, category 2	H315	Causes skin irritation.
Skin sensitization, category 1A	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic toxicity, category 2	H411	Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words:

Warning

Hazard statements:

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice / attention.
--	Additional precautionary statements:
P273	Avoid release to the environment.
P280	Wear protective gloves / face protection.

Contains:

isoeugenol
 2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphtalene (main isomer)
 hexyl salicylate
 2,4-Dimethyl-3-cyclohexenecarboxaldehyde
 coumarin
 3,7-dimethylocta-1,6-dien-3-ol
 2-methyl-3-[4-(propan-2-yl)phenyl]propanal
 Eugenol
 1-(2,3,8,8-Tetramethyl-1,2,3,5,6,7,8,8a-octahydronaphthalen-2-yl)ethan-1-one

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1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
3,7-dimethyloctan-3-ol
Geranyl acetate

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.
The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

SECTION 3. Composition/information on ingredients**3.2. Mixtures**

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
hexyl salicylate		
INDEX -	$5 \leq x < 10$	Skin Sens. 1B H317, Aquatic Acute 1 H400 M=1
EC 228-408-6		
CAS 6259-76-3		
2,6-dimethyloct-7-en-2-ol		
INDEX -	$5 \leq x < 10$	Eye Irrit. 2 H319, Skin Irrit. 2 H315
EC 242-362-4		
CAS 18479-58-8		
benzyl acetate		
INDEX -	$1 \leq x < 3$	Aquatic Chronic 3 H412
EC 205-399-7		
CAS 140-11-4		
REACH Reg. 01-2119638272-42		
2-phenylethanol		
INDEX -	$1 \leq x < 3$	Eye Irrit. 2 H319
EC 200-456-2		
CAS 60-12-8		
2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphtalene (main isomer)		
INDEX -	$1 \leq x < 3$	Skin Irrit. 2 H315, Skin Sens. 1B H317
EC 915-730-3		
CAS 54464-57-2		
REACH Reg. 01-2119489989-04		
2,2,2-trichloro-1-phenylethyl acetate		
INDEX -	$1 \leq x < 3$	Skin Irrit. 2 H315, Aquatic Chronic 3 H412
EC 201-972-0		
CAS 90-17-5		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate		
INDEX -	$1 \leq x < 3$	Aquatic Chronic 2 H411
EC 272-805-7		
CAS 68912-13-0		
2-tert-butylcyclohexyl acetate		
INDEX -	$1 \leq x < 3$	Aquatic Chronic 2 H411
EC 201-828-7		
CAS 88-41-5		
1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one		
INDEX -	$0,1 \leq x < 0,9$	Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 1 H410 M=1
EC 268-979-9		
CAS 68155-67-9		
1-(2,3,8,8-Tetramethyl-1,2,3,5,6,7,8,8a-octahydronaphthalen-2-yl)ethan-1-one		
INDEX -	$0,1 \leq x < 0,9$	Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 1 H410 M=1
EC 268-978-3		
CAS 68155-66-8		
3,7-dimethylocta-1,6-dien-3-ol		
INDEX 603-235-00-2	$0,1 \leq x < 0,9$	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317
EC 201-134-4		
CAS 78-70-6		
REACH Reg. 01-2119474016-42		
2-methyl-3-[4-(propan-2-yl)phenyl]propanal		
INDEX -	$0,1 \leq x < 0,9$	Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 3 H412
EC 203-161-7		
CAS 103-95-7		
REACH Reg. 01-2119970582-32		
2,4-Dimethyl-3-cyclohexenecarboxaldehyde		
INDEX -	$0,1 \leq x < 0,9$	Skin Sens. 1B H317, Aquatic Chronic 2 H411

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EC 943-728-2

CAS 68039-49-6

REACH Reg. 01-2119982384-28

coumarinINDEX - 0,1 ≤ x < 0,9 Acute Tox. 4 H302, Skin Sens. 1B H317
LD50 Oral: 520 mg/kg

EC 202-086-7

CAS 91-64-5

REACH Reg. 01-2119949300-45

Eugenol

INDEX - 0,1 ≤ x < 0,9 Eye Irrit. 2 H319, Skin Sens. 1B H317

EC 202-589-1

CAS 97-53-0

REACH Reg. 01-2119971802-33

3,7-dimethyloctan-3-ol

INDEX - 0,1 ≤ x < 0,9 Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317

EC 201-133-9

CAS 78-69-3

REACH Reg. 01-2119454788-21

Geranyl acetate

INDEX - 0,1 ≤ x < 0,9 Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 3 H412

EC 203-341-5

CAS 105-87-3

REACH Reg. 01-2119973480-35

Reaction mass of 2-methylbutyl salicylate and pentyl salicylate

INDEX - 0,1 ≤ x < 0,9 Acute Tox. 4 H302, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1

EC 911-280-7

CAS -

isoeugenol

INDEX - 0,01 ≤ x < 0,09 Skin Sens. 1A H317

EC 202-590-7

CAS 97-54-1

Skin Sens. 1A H317: ≥ 0,01%

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures**4.1. Description of first aid measures**

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5. Firefighting measures**5.1. Extinguishing media**

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained

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open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

Storage class TRGS 510 (Germany):10

7.3. Specific end use(s)

See Subsection 1.2

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

2,6-dimethyloct-7-en-2-ol

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,0278	mg/l
Normal value in marine water	0,00278	mg/l
Normal value for fresh water sediment	0,594	mg/kg
Normal value for marine water sediment	0,0594	mg/kg
Normal value of STP microorganisms	10	mg/l
Normal value for the food chain (secondary poisoning)	111	mg/kg
Normal value for the terrestrial compartment	0,103	mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		NPI		2,5 mg/kg bw/d				
Inhalation	NPI	NPI	NPI	4,35 mg/m ³	NPI	NPI	NPI	24,7 mg/m ³
Skin	LOW	LOW	NPI	2,5 mg/kg bw/d	LOW	NPI	LOW	7 mg/kg bw/d

hexyl salicylate

Predicted no-effect concentration - PNEC

Normal value in fresh water	357	ng/L
Normal value in marine water	35,7	ng/L
Normal value for fresh water sediment	272	µg/L
Normal value for marine water sediment	27,2	µg/L
Normal value for marine water, intermittent release	3,57	µg/L
Normal value of STP microorganisms	10	mg/l
Normal value for the food chain (secondary poisoning)	NPI	
Normal value for the terrestrial compartment	52,4	µg/L
Normal value for the atmosphere	NPI	

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic

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Oral		NPI		300 µg/kg				
Inhalation	NPI	NPI	NPI	0,4 mg/m3	NPI	NPI	NPI	1,7 mg/m3
Skin	442,5 µg/cm ²	NPI	442,5 µg/cm ²	3,2 mg/kg bw/d	885 µg/cm ²	NPI	885 µg/cm ²	6,4 mg/kg bw/d

benzyl acetate

Predicted no-effect concentration - PNEC

Normal value in fresh water	18,4	µg/L
Normal value in marine water	1,84	µg/L
Normal value for fresh water sediment	526	µg/L
Normal value for marine water sediment	52,6	µg/L
Normal value for marine water, intermittent release	40	µg/L
Normal value of STP microorganisms	8,55	mg/l
Normal value for the food chain (secondary poisoning)	NEA	
Normal value for the terrestrial compartment	94,45	mg/kg/d
Normal value for the atmosphere	NPI	

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		NPI		1,3 mg/kg bw/d				
Inhalation	NPI	NPI	NPI	2,2 mg/m3	NPI	NPI	NPI	9 mg/m3
Skin	NPI	NPI	NPI	1,3 mg/kg bw/d	NPI	NPI	NPI	2,5 mg/kg bw/d

2,2,2-trichloro-1-phenylethyl acetate

Predicted no-effect concentration - PNEC

Normal value in fresh water	6,25	µg/L
Normal value in marine water	625	ng/L
Normal value for fresh water sediment	373	µg/L
Normal value for marine water sediment	37,3	µg/L
Normal value for marine water, intermittent release	54,7	µg/L
Normal value for fresh water, intermittent release	5,47	µg/L
Normal value of STP microorganisms	109	µg/L
Normal value for the food chain (secondary poisoning)	NPI	
Normal value for the terrestrial compartment	70,8	µg/L
Normal value for the atmosphere	NPI	

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		NPI		833 µg/kg bw/day				
Inhalation	NPI	NPI	NPI	1,45 mg/m3	NPI	NPI	NPI	8,22 mg/m3
Skin	NPI	NPI	NPI	146 µg/kg bw/day	NPI	NPI	NPI	1,25 mg/kg bw/d

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		NPI		NPI				
Inhalation	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI
Skin	NPI	NPI	NPI	NPI	NPI	NPI	NPI	NPI

linalool

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,2	mg/l
Normal value in marine water	0,02	mg/l
Normal value for fresh water sediment	2,22	mg/kg
Normal value for marine water sediment	0,222	mg/kg
Normal value for water, intermittent release	2	mg/l
Normal value of STP microorganisms	10	mg/l
Normal value for the terrestrial compartment	0,327	mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic

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				systemic		systemic		systemic
Oral		1,2 mg/kg bw/d		0,2 mg/kg bw/d				
Inhalation		4,1 mg/m3		0,7 mg/m3				2,8 mg/m3
Skin	15 mg/kg bw/d	2,5 mg/kg bw/d	15 mg/kg bw/d	1,25 mg/kg bw/d	15 mg/kg bw/d		15 mg/kg bw/d	2,5 mg/kg bw/d

2-methyl-3-[4-(propan-2-yl)phenyl]propanal

Predicted no-effect concentration - PNEC

Normal value in fresh water	8,8	µg/L
Normal value in marine water	880	ng/L
Normal value for fresh water sediment	1,02	mg/kg/d
Normal value for marine water sediment	102	µg/kg
Normal value of STP microorganisms	1	mg/l
Normal value for the food chain (secondary poisoning)	2	mg/kg
Normal value for the terrestrial compartment	199	µg/kg soil dw

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		NPI		130 µg/kg bw/day				
Inhalation	NPI	NPI	NPI	220 µg/m3	NPI	NPI	NPI	1,23 mg/m3
Skin	LOW	NPI	LOW	130 µg/kg bw/day	LOW	NPI	LOW	350 µg/kg bw/day

Eugenol

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		NPI		3 mg/kg bw/d				
Inhalation	NPI	NPI	NPI	5,22 mg/m3	NPI	NPI	NPI	21,2 mg/m3
Skin	NPI	NPI	NPI	3 mg/kg bw/d	MED	NPI	MED	6 mg/kg bw/d

3,7-dimethyloctan-3-ol

Predicted no-effect concentration - PNEC

Normal value in fresh water	8,9	µg/L
Normal value in marine water	890	ng/L
Normal value for fresh water sediment	82,1	µg/L
Normal value for marine water sediment	8,21	µg/L
Normal value for marine water, intermittent release	89	µg/L
Normal value of STP microorganisms	450	mg/l
Normal value for the food chain (secondary poisoning)	NPI	
Normal value for the terrestrial compartment	11,2	µg/L
Normal value for the atmosphere	NPI	

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		NPI		1,58 mg/kg bw/d				
Inhalation	NPI	NPI	NPI	2,75 mg/m3	NPI	NPI	NPI	11,14 mg/m3
Skin	LOW	NPI	190 190 µg/cm ²	1,58 mg/kg bw/d	LOW	NPI	190 190 µg/cm ²	3,16 mg/kg bw/d

Geranyl acetate

Predicted no-effect concentration - PNEC

Normal value in fresh water	3,72	µg/L
Normal value in marine water	372	ng/L
Normal value for fresh water sediment	442	µg/L
Normal value for marine water sediment	44,2	µg/L
Normal value for marine water, intermittent release	37,2	µg/L
Normal value of STP microorganisms	8	mg/l
Normal value for the terrestrial compartment	85,9	µg/L

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic

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Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral		VND		8,9 mg/kg bw/d				
Inhalation				15,4 mg/m3				62,59 mg/m3
Skin				17,75 mg/kg bw/d				35,5 mg/kg bw/d

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

SECTION 9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Properties	Value	Information
Appearance	liquid	
Colour	colourless	
Odour	characteristic	
Melting point / freezing point	not available	
Initial boiling point	not available	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	> 60 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	not available	
Kinematic viscosity	not available	
Solubility	not available	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	0,97	
Relative vapour density	not available	
Particle characteristics	not applicable	

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9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10. Stability and reactivity**10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

Not classified (no significant component)

ATE (Oral) of the mixture:

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

2,6-dimethyloct-7-en-2-ol

LD50 (Dermal):

> 5000 mg/kg

LD50 (Oral):

> 3020 mg/kg

hexyl salicylate

LD50 (Dermal):

5000 mg/kg (rat)

LD50 (Oral):

5000 mg/kg (Rabbit)

benzyl acetate

LD50 (Dermal):

5000 mg/kg

LD50 (Oral):

2000 mg/kg

LC50 (Inhalation vapours):

0,766 mg/l/4h

2-phenylethanol

LD50 (Dermal):

2535 mg/kg (Rabbit)

LD50 (Oral):

1603 mg/kg (Rat)

LC50 (Inhalation vapours):

4,63 mg/l/4h (Rat)

2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphtalene (main isomer)

LD50 (Dermal):

> 5000 mg/kg Rat

LD50 (Oral):

> 5000 mg/kg Rat

2,2,2-trichloro-1-phenylethyl acetate

LD50 (Dermal):

2000 mg/kg

LD50 (Oral):

5000 mg/kg

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate

LD50 (Dermal):

5000 mg/kg (Rabbit)

LD50 (Oral):

5000 mg/kg (Rat)

2-tert-butylcyclohexyl acetate

LD50 (Dermal):

> 5 mg/kg

LD50 (Oral):

> 4600 mg/kg

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Reaction mass of 2-methylbutyl salicylate and pentyl salicylate

LD50 (Dermal):	2000 mg/kg
LD50 (Oral):	2000 mg/kg

linalool

LD50 (Oral):	2790 mg/kg rat
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2-methyl-3-[4-(propan-2-yl)phenyl]propanal

LD50 (Dermal):	5000 mg/kg
LD50 (Oral):	3180 mg/kg

coumarin

LD50 (Dermal):	293 mg/kg Rat
LD50 (Oral):	520 mg/kg Rat

Eugenol

LD50 (Oral):	1930 mg/kg Rat
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3,7-dimethyloctan-3-ol

LD50 (Dermal):	5000 mg/kg (Rabbit)
LD50 (Oral):	8270 mg/kg (Rat)

Geranyl acetate

LD50 (Oral):	6330 mg/kg (rat)
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isoeugenol

LD50 (Oral):	1560 mg/kg (Rat)
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SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative effects on acquatic environment.

12.1. Toxicity

2,4-Dimethyl-3-cyclohexenecarboxaldehyde

LC50 - for Fish	7,5 mg/l/96h
EC50 - for Crustacea	22,4 mg/l/48h
Chronic NOEC for Algae / Aquatic Plants	10 mg/l

linalool

LC50 - for Fish	27,8 mg/l/96h
EC50 - for Crustacea	59 mg/l/48h
EC50 - for Algae / Aquatic Plants	156,7 mg/l/72h

2-methyl-3-[4-(propan-2-yl)phenyl]propanal

LC50 - for Fish	1,42 mg/l/96h
EC50 - for Crustacea	1,4 mg/l/48h
EC50 - for Algae / Aquatic Plants	4,3 mg/l/72h
Chronic NOEC for Algae / Aquatic Plants	2,6 mg/l

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2,6-dimethyloct-7-en-2-ol

LC50 - for Fish	27,8 mg/l/96h Oncorhynchus mykiss; OECD 203
EC50 - for Crustacea	38 mg/l/48h Daphnia magna; OECD 202
EC50 - for Algae / Aquatic Plants	65 mg/l/72h Desmodesmus subcapitatus; OECD 201
Chronic NOEC for Crustacea	9,5 mg/l Daphnia magna; OECD 211

2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphthalene (main isomer)

LC50 - for Fish	1,3 mg/l/96h
EC50 - for Algae / Aquatic Plants	2,6 mg/l/72h
EC10 for Algae / Aquatic Plants	2,6 mg/l/72h

Eugenol

LC50 - for Fish	13 mg/l/96h
EC50 - for Crustacea	1,05 mg/l/48h
EC10 for Algae / Aquatic Plants	22 mg/l/72h
Chronic NOEC for Crustacea	7,07 mg/l (21 days)
Chronic NOEC for Algae / Aquatic Plants	23 mg/l

benzyl acetate

LC50 - for Fish	4 mg/l/96h
EC50 - for Crustacea	17 mg/l/48h
EC50 - for Algae / Aquatic Plants	92 mg/l/72h
EC10 for Algae / Aquatic Plants	52 mg/l/72h
Chronic NOEC for Fish	0,92 mg/l

Reaction mass of 2-methylbutyl salicylate and pentyl salicylate

LC50 - for Fish	1,34 mg/l/96h
EC50 - for Crustacea	0,88 mg/l/48h
EC50 - for Algae / Aquatic Plants	0,77 mg/l/72h
Chronic NOEC for Algae / Aquatic Plants	0,2 mg/l

hexyl salicylate

EC50 - for Crustacea	0,357 mg/l/48h
EC50 - for Algae / Aquatic Plants	0,61 mg/l/72h
EC10 for Algae / Aquatic Plants	0,15 mg/l/72h

2-phenylethanol

LC50 - for Fish	215 mg/l/96h
EC50 - for Crustacea	287,17 mg/l/48h
EC50 - for Algae / Aquatic Plants	490 mg/l/72h

2,2,2-trichloro-1-phenylethyl acetate

LC50 - for Fish	30 mg/l/96h
EC50 - for Crustacea	13,47 mg/l/48h
EC50 - for Algae / Aquatic Plants	5,47 mg/l/72h

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate

LC50 - for Fish	6,9 mg/l/96h
EC50 - for Crustacea	14 mg/l/48h
EC50 - for Algae / Aquatic Plants	2,5 mg/l/72h
EC10 for Algae / Aquatic Plants	1,9 mg/l/72h

3,7-dimethyloctan-3-ol

LC50 - for Fish	8,9 mg/l/96h
EC50 - for Crustacea	14,2 mg/l/48h
EC50 - for Algae / Aquatic Plants	21,6 mg/l/72h
EC10 for Algae / Aquatic Plants	9,5 mg/l/72h
Chronic NOEC for Crustacea	8,2 mg/l

Geranyl acetate

LC50 - for Fish	68,12 mg/l/96h
EC50 - for Crustacea	14,1 mg/l/48h
EC50 - for Algae / Aquatic Plants	3,72 mg/l/72h

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12.2. Persistence and degradability

2,4-Dimethyl-3-cyclohexenecarboxaldehyde

NOT rapidly degradable

linalool

Rapidly degradable

2-methyl-3-[4-(propan-2-yl)phenyl]propanal

Rapidly degradable

2,6-dimethyloct-7-en-2-ol

Rapidly degradable

Eugenol

Rapidly degradable

benzyl acetate

Rapidly degradable

Reaction mass of 2-methylbutyl salicylate and pentyl salicylate

Solubility in water 5,5 mg/l @ 20 °C

Rapidly degradable

1-(2,3,8,8-Tetramethyl-1,2,3,5,6,7,8,8a-octahydronaphthalen-2-yl)ethan-1-one

Solubility in water 2,725 mg/l @ 25 °C

1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

Solubility in water 2,725 mg/l @ 25 °C

hexyl salicylate

Solubility in water 2 mg/l @ 23 °C

Rapidly degradable

2-phenylethanol

Solubility in water 17,5 g/l 25 °C

Rapidly degradable

2,2,2-trichloro-1-phenylethyl acetate

Solubility in water 16,56 mg/l @ 25 °C

Rapidly degradable

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate

Solubility in water 57 mg/l @ 23 °C

NOT rapidly degradable

3,7-dimethyloctan-3-ol

Solubility in water 320 mg/l @ 25 °C

Rapidly degradable

Geranyl acetate

Solubility in water 29 mg/l @ 20 °C

Rapidly degradable

isoeugenol

Solubility in water 810 mg/l @ 25 °C

12.3. Bioaccumulative potential

Eugenol

BCF 12,4

Reaction mass of 2-methylbutyl salicylate and pentyl salicylate

Partition coefficient: n-octanol/water 4,47 Log Kow @ 30 °C

BCF 570 L/kg ww

hexyl salicylate

Partition coefficient: n-octanol/water 5,5 Log Kow @ 30 °C

2-phenylethanol

Partition coefficient: n-octanol/water 1,3 Log Kow @ 20 °C

2,2,2-trichloro-1-phenylethyl acetate

Partition coefficient: n-octanol/water 3,535 Log Kow @ 25 °C

3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate

Partition coefficient: n-octanol/water 4,4 @ 30 °C

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3,7-dimethyloctan-3-ol
Partition coefficient: n-octanol/water 3,3 Log Kow @ 20 °C

Geranyl acetate
Partition coefficient: n-octanol/water 4,04 Log Kow @ 20 °C

isoeugenol
Partition coefficient: n-octanol/water 3,04 Log Kow

12.4. Mobility in soil

2,6-dimethyloct-7-en-2-ol
Partition coefficient soil/water: 2.25 l/kg

Reaction mass of 2-methylbutyl salicylate and pentyl salicylate
Partition coefficient: soil/water 5012 l/kg 3.7 dimensionless

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information**14.1. UN number or ID number**

ADR / RID, IMDG, IATA: 3082

ADR / RID: In accordance with Special Provision 375, this product, when is packed in receptacles of a capacity \leq 5Kg or 5L, is not submitted to ADR provisions.

IMDG: In accordance with Section 2.10.2.7 of IMDG Code, this product, when is packed in receptacles of a capacity \leq 5Kg or 5L, is not submitted to IMDG Code provisions.

IATA: In accordance with SP A197, this product, when is packed in receptacles of a capacity \leq 5Kg or 5L, is not submitted to IATA dangerous goods regulations.

14.2. UN proper shipping name

ADR / RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (hexyl salicylate; 3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate)

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (hexyl salicylate; 3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate)

IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (hexyl salicylate; 3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate)

14.3. Transport hazard class(es)

ADR / RID: Class: 9 Label: 9

IMDG: Class: 9 Label: 9

IATA: Class: 9 Label: 9

**14.4. Packing group**

ADR / RID, IMDG, IATA: III

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14.5. Environmental hazards

ADR / RID: Environmentally Hazardous



IMDG: Marine Pollutant



IATA: Environmentally Hazardous

**14.6. Special precautions for user**

ADR / RID: HIN - Kemler: 90 Limited Quantities: 5 L Tunnel restriction code: (-)

Special provision: -

IMDG: EMS: F-A, S-F Limited Quantities: 5 L

IATA: Cargo: Maximum quantity: 450 L Packaging instructions: 964

Passengers: Maximum quantity: 450 L Packaging instructions: 964

Special provision: A97, A158, A197, A215

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Seveso Category - Directive 2012/18/EU: E2

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product:

Point 3

Contained substance:

Point 75 3,7-dimethylocta-1,6-dien-3-ol REACH Reg.: 01-2119474016-42

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

This Safety Data Sheet has been drawn up on the basis of the information contained in the SDS (Rev.3 of 04/05/2021) of the Supplier of the mixture

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Acute Tox. 4	Acute toxicity, category 4
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Skin Sens. 1	Skin sensitization, category 1
Skin Sens. 1A	Skin sensitization, category 1A
Skin Sens. 1B	Skin sensitization, category 1B
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.

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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.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
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 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
 17. Regulation (EU) 2019/1148
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 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Fiche Toxicologique (toxicological sheet)
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - IFA GESTIS website
 - ECHA website
 - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 11 / 12 / 15 / 16.