

According to Regulation (EU) No 2020/878

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : LIMPRO PARFUM CARD COTTON FRESH

Product code : LIM-066, LP1V017 UFI : RF10-D0A8-G00J-X1D9

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

Application : SU21 Consumer product. PC3 Air care products for indoor rooms (continuous action). Airfreshener.

1.3. Details of the supplier of the safety data sheet

Supplier : Dovox B.V.

Computerweg 3

3542 DP UTRECHT, The Netherlands

Telephone : +31-30-7116 824
E-mail : info@dovox.nl
Website : www.dovox.nl

1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

NL - Telephone : +31-30-7116 824 (During office hours only)

## SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP classification : Skin irritation, category 2. Eye irritation, category 2. Skin sensitization, category 1. Hazardous to the

(1272/2008/EC) aquatic environment — Chronic category 2.

Human health hazards : Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Physical/chemical hazards: Not classified as dangerous according to statutory EC-Directives.

Environmental hazards : Toxic to aquatic life with long lasting effects.

# 2.2. Label elements

Label elements ((EU) 1272/2008):

Hazard pictograms :





Signal word : Warning

H- and P-phrases : H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eve irritation.

H411 Toxic to aquatic life with long lasting effects.

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.
P280 gloves Wear protective gloves.

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

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P273 Avoid release to the environment.

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P391 Collect spillage.

P501 Dispose of contents/container to an official chemical waste depot.

Labelling of packagings where the contents do not exceed 125 ml and it is technically impossible to list all phrases:

Hazard pictograms

(!)

¥2>

Signal word : Warning

H- and P-phrases : H317 May cause an allergic skin reaction.

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.
P280 gloves Wear protective gloves.

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

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container to an official chemical waste depot.

Additional labelling (for all packaging sizes)

: Contains: alpha-Hexylcinnamaldehyde; 4-tert-Butylcyclohexyl acetate; 3,7-Dimethylnona-1,6-dien-3-ol; Linalool; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; Hexyl salicylate; Benzyl salicylate; Dodecanal; Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde; 3-Methylcyclopentadecenone.

2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

# SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

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## 3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration	CAS nr.	EC number	Remark	REACH nr.
	(w/w) (%)				
2,6-Dimethyloct-7-en-2-ol	10 - < 25	18479-58-8	242-362-4		01-2119457274-37
alpha-Hexylcinnamaldehyde	10 - < 25	101-86-0	202-983-3		01-2119533092-50
3,5,5-Trimethylhexyl acetate	5 - < 10	58430-94-7	261-245-9		01-2119972325-34
4-tert-Butylcyclohexyl acetate	5 - < 10	32210-23-4	250-954-9		01-2119976286-24
3,7-Dimethylnona-1,6-dien-3-ol	5 - < 10	10339-55-6	233-732-6		01-2119969272-32
Linalool	5 - < 10	78-70-6	201-134-4		01-2119474016-42
3-Methyl-4-(2,6,6-trimethyl-2-cyclohex-	5 - < 10	127-51-5	204-846-3		01-2120138569-45
en-1-yl)-3-buten-2-one					
Benzyl acetate	1 - < 5	140-11-4	205-399-7		01-2119638272-42
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-	1 - < 5	54464-57-2	259-174-3		
tetramethyl-2-naphthyl)ethan-1-one					
Tetrahydro-2-isobutyl-4-methylpyran-4-	1 - < 5	63500-71-0	405-040-6		01-2119455547-30
ol, mixed isomers (cis and trans)					
Hexyl salicylate	1 - < 5	6259-76-3	228-408-6		01-2119638275-36
2-Phenylethanol	1 - < 5	60-12-8	200-456-2		01-2119963921-31
Cis-2-tert-butylcyclohexyl acetate	1 - < 5	20298-69-5	243-718-1		
3a,4,5,6,7,7a-Hexahydro-4,7-methano-	1 - < 5	17511-60-3	241-514-7		01-2119969447-21
1H-inden-6-yl propionate					
Benzyl salicylate	1 - < 5	118-58-1	204-262-9		01-2119969442-31
Dodecanal	0,1 - < 1	112-54-9	203-983-6		01-2119969441-33

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Allyl (cyclohexyloxy)acetate Reaction mass of 3,5-dimethylcyclohex-3-ene-1-carbaldehyde and 2,4-dimethylcyclohex-3-ene-1-carbaldehyde 3-Methylcyclopentadecenone acetophenone	0,1 - < 1   68901-1 0,1 - < 1   0,1 - < 1   82356-5 0,1 - < 1   98-86-2	943-728-2 51-2 429-900-5		01-2120770514-54 01-2119982384-28 01-0000017618-62
Substance name	Hazard Class	H-phrases	Pictograms	
2,6-Dimethyloct-7-en-2-ol		H315; H319	GHS07	
alpha-Hexylcinnamaldehyde	Skin Sens. 1B; Aquatic		GHS07; GHS09	M (acute) = 1
	Acute 1; Aquatic Chronic 2			
3,5,5-Trimethylhexyl acetate	1	H315; H411	GHS07; GHS09	
4-tert-Butylcyclohexyl acetate	1	H317	GHS07	
3,7-Dimethylnona-1,6-dien-3-ol	1	H315; H317; H319	GHS07	
	1B; Eye Irrit. 2			
Linalool	Skin Irrit. 2; Skin Sens.	H315; H317; H319	GHS07	
	1B; Eye Irrit. 2			
3-Methyl-4-(2,6,6-trimethyl-2-cyclohex-	Aquatic Chronic 2	H411	GHS09	
en-1-yl)-3-buten-2-one				
Benzyl acetate	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H412		
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-		H315; H317; H410	GHS07; GHS09	M (chronic) = 1
tetramethyl-2-naphthyl)ethan-1-one	1B; Aquatic Chronic 1			
Tetrahydro-2-isobutyl-4-methylpyran-4-	Eye Irrit. 2	H319	GHS07	
ol, mixed isomers (cis and trans)				
Hexyl salicylate	Skin Irrit. 2; Skin Sens.	H315; H317; H400;	GHS07; GHS09	` '
		H410		M (chronic) = 1
	Aquatic Chronic 1			
2-Phenylethanol	Acute Tox. 4; Eye Irrit.	H302; H319	GHS07	
	2			
Cis-2-tert-butylcyclohexyl acetate		H411	GHS09	
3a,4,5,6,7,7a-Hexahydro-4,7-methano-	Aquatic Chronic 2	H411	GHS09	
1H-inden-6-yl propionate				
Benzyl salicylate		H319; H412; H317	GHS07	
	Chronic 3; Skin Sens.			
	1B			
Dodecanal	Skin Irrit. 2; Skin Sens.	H315; H317; H319	GHS07	
	1B; Eye Irrit. 2			
Allyl (cyclohexyloxy)acetate		H302; H400; H410	GHS07; GHS09	
	Acute 1; Aquatic			M (chronic) = 1
B	Chronic 1	11045 11045 11444	011007 011055	
Reaction mass of 3,5-dimethylcyclo-		H315; H317; H411	GHS07; GHS09	
hex-3-ene-1-carbaldehyde and 2,4-di-	1; Aquatic Chronic 2			
methylcyclohex-3-ene-1-carbaldehyde	Older Opens 4D A	11047, 11400, 11440	011007: 011000	M (a suda)
3-Methylcyclopentadecenone	Skin Sens. 1B; Aquatic	M317; H400; H410 	GHS07; GHS09	M (acute) = 1
	Acute 1; Aquatic			M (chronic) = 1

Occupational exposure limit(s), if relevant, are listed in section 8.

Reference is made to chapter 16 for full text of each relevant H phrase.

Chronic 1

Acute Tox. 4; Eye Irrit.

# SECTION 4 FIRST-AID MEASURES

acetophenone

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H302; H319

GHS07



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#### 4.1. Description of first aid measures

First aid measures

Inhalation : Not applicable under normal conditions of use. Consult a doctor if victim feels unwell.

Skin contact : Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up.

Consult a doctor if irritation occurs.

Eye contact : Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor.

Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Never give anything by mouth

to an unconscious person. Consult a doctor if victim feels unwell.

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

Effects and symptoms

Inhalation : No specific effects and/or symptoms are known.

Skin contact : Irritant. May cause redness and irritation, sensitisation. May produce an allergic reaction. May

cause dry skin.

Eye contact : Irritant. May cause redness and pain.

Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

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

Note to physicians : None known.

# SECTION 5 FIRE-FIGHTING MEASURES

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## 5.1. Extinguishing media

Extinguishing media

Suitable : Carbondioxide (CO2). Foam. Dry chemical. Water fog. Not suitable : Water jet. Use of heavy stream of water may spread fire.

# 5.2. Special hazards arising from the substance or mixture

Special exposure hazards : None known.

Hazardous thermal : Carbon monoxide may be evolved if incomplete combustion occurs.

decomposition and combustion products

# 5.3. Advice for firefighters

Special protective : Use adequate respiratory equipment in case of insufficient ventilation.

equipment for fire-fighters

# SECTION 6 ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with

spilled or released material.

# 6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. In case of large spills:

contain with dike. Waste product should not be allowed to contaminate soil or water.

Other information : Notify authorities if any exposure to the general public or the environment occurs or is likely to

occur.

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

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Methods for cleaning up

: Collect spilled material in containers. Dispose at an authorised waste collection point. Wash away

remainder with plenty of water and soap.

#### 6.4. Reference to other sections

Reference to other sections: See also section 8.

#### **SECTION 7 HANDLING AND STORAGE**

#### 7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas.

Avoid contact with skin and eyes. Avoid splashing. Wear protective clothing.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep frost-free, in a cool, dry and well-ventilated place. Keep away from oxidizing agents.

Recommended packaging Keep only in the original container.

Non recommended

packaging

: None known.

# 7.3. Specific end use(s)

Use : Use only as directed.

#### **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

# 8.1. Control parameters

Occupational exposure

limits

: Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have

not been established for this product.

#### Workplace exposure limits (mg/m³):

Chemical name	 TWA 8 hour (mg/m3)	STEL 15 min (mg/m3)	Comments	Source
Benzyl acetate	5	-	!	MAC: LT
acetophenone	5			MAC: BG, LV, LT

## Derived no-effect level (DNEL) for workers:

Chemical name	Route of	DNEL, short-ter	m	DNEL, long-term	
	exposure				
	*	Local effect	Systemic effect	Local effect	Systemic effect
2,6-Dimethyloct-7-en-2-ol	Dermal				7 mg/kg bw/day
	Inhalation	İ	Ĭ		24.7 mg/m3
alpha-Hexylcinnamaldehyde	Inhalation	6,28 mg/m3			0,078 mg/m3
	Dermal	0,525 mg/kg		0,525 mg/kg bw/	18,2 mg/kg bw/day
		bw		day	
3,5,5-Trimethylhexyl acetate	Inhalation				0,94 mg/m3
•	Dermal				0,13 mg/kg bw/day
3,7-Dimethylnona-1,6-dien-3-ol	Inhalation		18 mg/m3		3 mg/m3
•	Dermal	1,6 mg/kg bw	5,5 mg/kg bw	1,6 mg/kg bw/	2,7 mg/kg bw/day
			1 "	day	
Linalool	Inhalation			1	24.58 mg/m3
	Dermal	3 mg/kg bw		3 mg/kg bw/day	3.5 mg/kg bw/day
3-Methyl-4-(2,6,6-trimethyl-2-cyclohex-	Inhalation				8.22 mg/m3
en-1-yl)-3-buten-2-one					
	Dermal				0.375 mg/kg bw/day

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Benzyl acetate	Inhalation		1		9 mg/m3
	Dermal				2.5 mg/kg bw/day
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2-naphthyl)ethan-1-one	Inhalation				30 mg/m3
tetrametry-2-naphtry/ethan-1-one	Dermal		0.6	318 ma/ka bw/	28.7 mg/kg bw/day
	Demiai				20.7 Hig/kg bw/day
Tetrahydro-2-isobutyl-4-methylpyran-4- ol, mixed isomers (cis and trans)	Inhalation		da	-	44,1 mg/m3
, , , , , , , , , , , , , , , , , , , ,	Dermal				41,7 mg/kg bw/day
Hexyl salicylate		0,885 mg/kg bw	0,8 day	385 mg/kg bw/	6,4 mg/kg bw/day
	Inhalation	- ··	ļ	-	1.7 mg/m3
2-Phenylethanol	Inhalation				59,9 mg/m3
	Dermal				21,2 mg/kg bw/day
Benzyl salicylate	Inhalation				7,8 mg/m3
	Dermal				2,21 mg/kg bw/day
Dodecanal	Inhalation				49,7 mg/m3
	Dermal		0.0		14,1 mg/kg bw/day
			'	ı/day	,
Allyl (cyclohexyloxy)acetate	Inhalation			•	3,16 mg/m3
	Dermal				0,448 mg/kg bw/day
Reaction mass of 3,5-dimethylcyclo-	Inhalation				1,837 mg/m3
hex-3-ene-1-carbaldehyde and 2,4-di-					
methylcyclohex-3-ene-1-carbaldehyde					
	Dermal				0,521 mg/kg bw/day

Derived no-effect level (DNEL) for consumers:

Chemical name	Route of	DNEL, short-te	rm	DNEL, long-terr	n	
	exposure				-	
		Local effect	Systemic effect	Local effect	Systemic effect	
2,6-Dimethyloct-7-en-2-ol	Dermal				2.5 mg/kg bw/day	
	Inhalation	Ī	ĺ		4.35 mg/m3	
	Oral	İ	İ		2.5 mg/kg bw/day	
alpha-Hexylcinnamaldehyde	Inhalation	4,71 mg/m3			0,019 mg/m3	
	Dermal	0,0787 mg/kg		0,0787 mg/kg	9,11 mg/kg bw/day	
		bw		bw/day		
	Oral				0,056 mg/kg bw/day	
3,5,5-Trimethylhexyl acetate	Inhalation				0,23 mg/m3	
	Dermal				0,07 mg/kg bw/day	
	Oral	İ	İ		0,07 mg/kg bw/day	
3,7-Dimethylnona-1,6-dien-3-ol	Inhalation		4,4 mg/m3		0,74 mg/m3	
	Dermal	1,6 mg/kg bw	2,7 mg/kg bw	1,6 mg/kg bw/	1,4 mg/kg bw/day	
				day		
	Oral		1,3 mg/kg bw		0,2 mg/kg bw/day	
Linalool	Dermal	1.5 mg/kg bw		1.5 mg/kg bw/	1.25 mg/kg bw/day	
				day		
	Inhalation				4.33 mg/m3	
	Oral				2.49 mg/kg bw/day	
3-Methyl-4-(2,6,6-trimethyl-2-cyclohex-	Inhalation				1.45 mg/m3	
en-1-yl)-3-buten-2-one						
	Dermal				0.0446 mg/kg bw/day	
	Oral				0.0355 mg/kg bw/day	
Benzyl acetate	Inhalation				2.2 mg/m3	
	Dermal				1.3 mg/kg bw/day	
	Oral		6,25 mg/kg bw		1.3 mg/kg bw/day	
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-	Inhalation				9 mg/m3	
tetramethyl-2-naphthyl)ethan-1-one						

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	Dermal	1	1	0.380 mg/kg bw/	17.2 mg/kg bw/day
				day	
İ	Oral				3 mg/kg bw/day
Tetrahydro-2-isobutyl-4-methylpyran-4-	Inhalation				13 mg/m3
ol, mixed isomers (cis and trans)					
	Dermal				25 mg/kg bw/day
	Oral				7,5 mg/kg bw/day
Hexyl salicylate	Dermal	0.4425 mg/kg		0,4425 mg/kg	3,2 mg/kg bw/day
		bw		bw/day	
	Inhalation				0,4 mg/m3
	Oral				0,3 mg/kg bw/day
2-Phenylethanol	Inhalation				17,7 mg/m3
	Dermal				12,7 mg/kg bw/day
	Oral		5,1 mg/kg bw		5,1 mg/kg bw/day
Benzyl salicylate	Inhalation				1,37 mg/m3
	Dermal				0,79 mg/kg bw/day
	Oral				0,79 mg/kg bw/day
Dodecanal	Inhalation				12,3 mg/m3
	Dermal			0,00028 mg/kg	7 mg/kg bw/day
				bw/day	
	Oral				7 mg/kg bw/day
Allyl (cyclohexyloxy)acetate	Inhalation				0,557 mg/m3
	Dermal				0,16 mg/kg bw/day
	Oral				0,16 mg/kg bw/day
Reaction mass of 3,5-dimethylcyclo-	Inhalation				0,543 mg/m3
hex-3-ene-1-carbaldehyde and 2,4-di-					
methylcyclohex-3-ene-1-carbaldehyde	<u>.</u> .				
	Oral				0,312 mg/kg bw/day
	Dermal				0,312 mg/kg bw/day

# Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
2,6-Dimethyloct-7-en-2-ol	Water	0,0278 mg/l	0,0027 mg/l	
	Sediment	0,594 mg/kg	0,0594 mg/kg	
	Intermittent water			0,278 mg/l
	STP			10 mg/l
	Soil			0,103 mg/kg
	Oral			111 mg/kg food
alpha-Hexylcinnamaldehyde	Water	0.001 mg/l		
	Sediment	3.2 mg/kg	0.064 mg/kg	
	Intermittent water			0,03 mg/l
	STP			10 mg/l
	Soil			0.398 mg/kg
	Oral			6.6 mg/kg food
3,5,5-Trimethylhexyl acetate	Water	0,0077 mg/l	0,0007 mg/l	
	Sediment	2,89 mg/kg	0,29 mg/kg	
	Intermittent water			0,077 mg/l
	STP			10 mg/l
	Soil			0,573 mg/kg
	Oral			2,66 mg/kg food
4-tert-Butylcyclohexyl acetate	Water	0,0053 mg/l	0,00053 mg/l	
	Sediment	2,01 mg/kg	0,21 mg/kg	
	Intermittent water			0,053 mg/l
	STP			12,2 mg/l
	Soil			0,42 mg/kg
	Oral			66,76 mg/kg food
3,7-Dimethylnona-1,6-dien-3-ol	Water	0,023 mg/l	0,0023 mg/l	

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	Sediment	0,223 mg/kg	0,0223 mg/kg	
	Intermittent water	10,220 mg/Ng	5,5225 mg/kg	0,23 mg/l
	STP			10 mg/l
	Soil			0,031 mg/kg
	Oral			8,53 mg/kg food
l Linalool	Water	0,2 mg/l	0,02 mg/l	0,55 mg/kg 1000
	Sediment	2,22 mg/kg	0,222 mg/kg	
	Intermittent water	2,22 mg/kg	0,222 mg/kg	2 mg/l
	STP			10 mg/l
	Soil			_
	1			0,327 mg/kg
2 Mathed 4 (2 C C trime athed 2	Oral	0.00142//	0.000142//	7,8 mg/kg food
3-Methyl-4-(2,6,6-trimethyl-2-	Water	0.00143 mg/l	0.000143 mg/l	
cyclohexen-1-yl)-3-buten-2-one		0.440	0.0440	
	Sediment	0.443 mg/kg	0.0443 mg/kg	
	STP			10 mg/l
L	Soil			0.0878 mg/kg
Benzyl acetate	Water	0.018 mg/l	0.002 mg/l	
	Sediment	0.526 mg/kg	0.053 mg/kg	
	Intermittent water			0,04 mg/l
	STP			8,55 mg/l
	Soil			0.094 mg/kg
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2-naphthyl)ethan-1-one	Water	0.0044 mg/l	0.00044 mg/l	
letrametry-2-napritry/jetrian-1-one	Codimont	2 72 mg/kg	0.75 mg/kg	
	Sediment	3.73 mg/kg	0.75 mg/kg	40 ==== //
	STP			10 mg/l
	Soil			2.7 mg/kg
	Oral			26.7 mg/kg food
Tetrahydro-2-isobutyl-4-methylpyran-4-	·Water	0,094 mg/l	0,009 mg/l	
ol, mixed isomers (cis and trans)				
	Sediment	0,412 mg/kg	0,041 mg/kg	
	Intermittent water			0,94 mg/l
	STP			10 mg/l
	Soil			0,09 mg/kg
Hexyl salicylate	Water	0 mg/l	0 mg/l	
	Sediment	0,272 mg/kg	0.027 mg/kg	
	Intermittent water			0,0036 mg/l
	STP			10 mg/l
	Soil			0.054 mg/kg
2-Phenylethanol	Water	0,215 mg/l	0,0215 mg/l	
	Sediment	1,454 mg/kg	0,1454 mg/kg	
	Intermittent water	1.,	, , , , o , , , , , , , , , , , , , , ,	2,15 mg/l
	STP			10 mg/l
	Soil			0,164 mg/kg
Cis-2-tert-butylcyclohexyl acetate	Water	0,011 mg/l	0,0011 mg/l	o, rot mg/kg
OIS-2-ICH-DULYICYCIONEXYI ACELALE			1 '	
	Sediment	1,5 mg/kg	0,15 mg/kg	0.047 //
	Intermittent water			0,017 mg/l
	STP			10 mg/l
		ı		0,293 mg/kg
	Soil	l	la "	
Benzyl salicylate	Water	0.001 mg/l	0 mg/l	
Benzyl salicylate	Water Sediment	0.001 mg/l 0.583 mg/kg	0 mg/l 0.058 mg/kg	
Benzyl salicylate	Water Sediment Intermittent water	1 -		0,01030 mg/l
Benzyl salicylate	Water Sediment Intermittent water STP	1 -		10 mg/l
Benzyl salicylate	Water Sediment Intermittent water	1 -		
Benzyl salicylate	Water Sediment Intermittent water STP	1 -		10 mg/l
	Water Sediment Intermittent water STP Soil	1 -		10 mg/l 1.41 mg/kg
Benzyl salicylate Dodecanal	Water Sediment Intermittent water STP Soil Oral	0.583 mg/kg	0.058 mg/kg	10 mg/l 1.41 mg/kg

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Allyl (cyclohexyloxy)acetate	STP Soil Oral Water	0,00205 mg/l		10 mg/l 0,278 mg/kg 313 mg/kg food
Allyl (Cyclonexyloxy)acetate			0,000203 mg/kg	
	STP Soil			0,3 mg/l 0,375 mg/kg
Reaction mass of 3,5-dimethylcyclohex	1	0.0075 mg/l	0.00075 mg/l	l state and the
-3-ene-1-carbaldehyde and 2				
,4-dimethylcyclohex-3-ene-1- carbaldehyde				
	Sediment STP	0.226 mg/kg	0.023 mg/kg	10 mg/l
	Soil			0.041 mg/kg
3-Methylcyclopentadecenone	Water	0.00242 mg/l	0.0022 mg/l	
	Sediment	3.66 mg/kg	0.37 mg/kg	
	STP			10 mg/l
	Soil			2.34 mg/kg
	Oral			111.1 mg/kg food
acetophenone		_	0,00864 mg/l	
	Sediment	0,178 mg/kg	0,0178 mg/kg	
	Intermittent water			0,864 mg/l
	STP			10 mg/l
	Soil			0,155 mg/kg

## 8.2. Exposure controls

Engineering measures : Comply with standard precautionary measures for working with chemicals.

Hygienic measures : When using do not eat, drink or smoke.

# Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.



Body protection : Wear appropriate protective clothing, overalls or suit, and similar boots in accordance with EN

365/367 resp. 345. Suitable material: nitril. Indication of permeation breakthrough time: not known.

Respiratory protection : Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale

exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance

with EN 140.

Hand protection : Wear appropriate safety gloves in accordance with EN 374. Suitable material: nitril. ± 0,5 mm.

Indication of permeation breakthrough time: not known.

Eye protection : Wear appropriate safety glasses with side shields, in accordance with EN 166, when there is

danger of possible eye contact.

# SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

# 9.1. Information on basic physical and chemical properties

Physical state : Liquid. Impregnated material.

Colour : Light yellow.
Odour : Perfumed.
Odour threshold : Not known.

pH : Not applicable. Waterfree product.

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Solubility in water : Not soluble.

Partition coefficient (n-oc-

tanol/water)

: Not applicable. Not measured. Not relevant for mixtures.

Flash point : > 100 °C

Flammability (solid, gas) Liquid. See flashpoint. : Not applicable.

Auto ignition temperature : > 230 °C Boiling point/boiling range : > 100 °C Melting point/melting range: Not known. Explosive properties Not an explosive.

Explosion limits (% in air) Not known. Lower explosion limit in air (%): 0.9 (Linalool)

Upper explosion limit in air (%): 11,9 (2-Phenylethanol)

Oxidising properties Not applicable. Does not contain oxidizing substances.

Decomposition temperature: Not applicable. Viscosity (20°C) Not known.

Viscosity (40°C) Not relevant.

The product contains < 10% substances having an aspiration hazard.

(air = 1)

Vapour pressure (20°C) Not known.

Relative vapour density > 1

Relative density (20°C) Not known.

Particle characteristics Not applicable. Liquid.

9.2. Other information

Other information : Not relevant.

#### **SECTION 10** STABILITY AND REACTIVITY

## 10.1. Reactivity

Reactivity : See sub-sections below.

10.2. Chemical stability

Stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

10.4. Conditions to avoid

: See section 7. Conditions to avoid

10.5. Incompatible materials

Materials to avoid : Keep away from oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition : Not known.

products

#### **SECTION 11 TOXICOLOGICAL INFORMATION**

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

No toxicological research has been carried out on this product.

Inhalation

: Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: 69 %. ATE: > 5 mg/l. Not classified -Acute toxicity

based on available data, the classification criteria are not met.

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Corrosion/irritation : Not classified - based on available data, the classification criteria are not met.

Sensitisation : Does not contain substances classified as respiratory sensitiser. Not classified - based on available

data, the classification criteria are not met.

Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the

classification criteria are not met.

Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification

criteria are not met.

Skin contact

Acute toxicity : Calculated LD50: > 4552 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 5000 mg/kg.bw.

Low toxicity. Not classified - based on available data, the classification criteria are not met.

Corrosion/irritation : Irritant. May cause redness. Prolonged contact may dry out and defat the skin. Sensitisation : May cause sensitisation by skin contact. May produce an allergic reaction.

Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification

criteria are not met.

Eye contact

Corrosion/irritation : Irritant.

Ingestion

Acute toxicity : Calculated LD50: > 3459 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw.

Low toxicity. Not classified - based on available data, the classification criteria are not met.

Aspiration : Not classified - based on available data, the classification criteria are not met. Does not contain

substances with an aspiration hazard.

Corrosion/irritation : May cause a feeling of sickness, vomiting and diarrhoea.

Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the

classification criteria are not met.

Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification

criteria are not met.

Reprotoxicity : Development: Not expected to be reprotoxic. Development: Not classified - Based on available

data, the classification criteria are not met. Fertility: not expected to be reprotoxic. Fertility: Not

classified - based on available data, the classification criteria are not met.

# Toxicological information:

Chemical name	Property		Method	Test animal
2,6-Dimethyloct-7-en-2-ol	NOAEL (development) - estimate	1000 mg/kg.d	Read across	Rat
		Not mutagenic	OECD 471	
	Mutagenicity	1		
	Genotoxicity - in vitro	Not genotoxic	OECD 476	
	NOAEL (oral) -	500 mg/kg bw/d	Read across	Rat
	estimate			
	LD50 (oral)	3600 mg/kg bw		Rat
	Skin sensitisation	Not sensitizing		
	Skin irritation	Slightly irritant		Rabbit
	Eye irritation	Moderately irritant	OECD 405	Rabbit
	LD50 (dermal)	> 5000 mg/kg bw		Rabbit
alpha-Hexylcinnamaldehyde	NOAEL (development,	100 mg/kg bw/d	OECD 421	Rat
	oral)			
	Genotoxicity - in vivo	Not genotoxic	OECD 474	
	Genotoxicity - in vitro	Not genotoxic	OECD 476	
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	Eye irritation	Non-irritant		Rabbit
	NOAEL (oral) -	30 mg/kg bw/d	Read across	Rat
	estimate			
	LD50 (dermal)	> 3000 mg/kg bw	OECD 402	Rabbit
	LC50 (inhalation)	> 5000 mg/m3	OECD 403	Rat
	LD50 (oral)	> 2450 mg/kg bw	OECD 401	Rat
	Skin sensitisation	2372 ug/cm2	OECD 429	Mouse
	Prin sensitisation	EST Z UG/CITIZ	OECD 429	liviouse

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	Chin irritation	Madarataly irritant	IOCOD 404	ID abbit
	Skin irritation	Moderately irritant	OECD 404	Rabbit
2 5 5 Trimothylbovyl apotato	NOAEL (dermal) Genotoxicity - in vitro	25 mg/kg bw/d	OECD 476	Rat
3,5,5-Trimethylhexyl acetate	NOAEL (oral)	Not genotoxic > 40 mg/kg bw/d	OECD 476	Rat
	LD50 (dermal)	> 5000 mg/kg bw	OECD 422 OECD 402	Rabbit
	LD50 (definal)	4250 mg/kg bw	OECD 402	Rat
	Mutagenicity	Negative	OECD 401	* *
	, ,	, •		Salmonella typhimurium
	NOAEL (fertility, oral)	40 mg/kg bw/d	OECD 422 OECD 406	Rat
	Skin sensitisation	Not sensitizing	1	Guinea pig
	Eye irritation	Slightly irritant	OECD 405	Dahhit
4 to at District and a post-to	Skin irritation	Irritant	OECD 404	Rabbit
4-tert-Butylcyclohexyl acetate	LD50 (oral)	5000 mg/kg bw		Rat
	LD50 (dermal)	> 5000 mg/kg bw		Rabbit
	Eye irritation	Non-irritant		Rabbit
	Skin irritation	Non-irritant	L .	Rabbit
	NOAEL (oral) - estimate	710 mg/kg bw/d	Read across	
3,7-Dimethylnona-1,6-dien-3-ol	LD50 (oral)	5000 mg/kg bw	<b> </b>	Rat
	LD50 (dermal)	> 5000 mg/kg bw		Rabbit
	NOAEL (oral) - estimate	117 mg/kg bw/d	Read across	Rat
	NOAEL (dermal) -	250 mg/kg bw/d	Read across	Rat
	estimate	250 mg/kg bw/d	Reau across	Rai
	Mutagenicity	Not mutagonic	OECD 471	Salmonella typhimurium
	1 .	Not mutagenic	Read across	
	Genotoxicity - estimate	Not genotoxic	Reau across	Dobbit
	Skin irritation	Irritant		Rabbit
l includ	Eye irritation	Irritant		Rabbit
Linalool	NOAEL (development, oral)	365 mg/kg bw/d		Rat
	Eye irritation	Non-irritant	OECD 405	Rabbit
	Skin sensitisation	12650 ug/cm2	OECD 429	Mouse
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	NOAEL (fertility, oral)	500 mg/kg bw/d		Rat
	Skin irritation	Irritant	OECD 404	Rabbit
	NOAEL (dermal)	250 mg/kg bw/d	OECD 411	Rat
	Genotoxicity - in vivo	Not genotoxic	OECD 475	Mouse
	LD50 (dermal)	5610 mg/kg bw		Rabbit
	Skin irritation	Mildly irritant		Human
	LD50 (oral)	2790 mg/kg bw		Rat
	NOAEL (oral)	117 mg/kg bw/d		Rat
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-	Skin irritation	Non-irritant		Rabbit
tetramethyl-2-naphthyl)ethan-1-one	.=			
Total Straight 2 Hapmany Journal 1 Office	Skin sensitisation	6825 ug/cm2	OECD 429	Mouse
	LD50 (oral)	> 5000 mg/kg bw		Rat
	LD50 (dermal)	> 5000 mg/kg bw		Rat
	Mutagenicity	Not mutagenic	OECD 471	
		480 mg/kg bw/d	OECD 414	Rat
	oral)	Foo mg/kg bw/d	0000 414	rat
	LC50 (inhalation) -	> 22360 mg/m3	Read across	
	estimate	- 22000 mg/mo	1 (000 001035	
Totrahydro 2 isobutyl 4 motbylnyman 4	estimate NOAEL (developmental	1000 malka build		Pat
Tetrahydro-2-isobutyl-4-methylpyran-4-		r 1000 mg/kg bw/d		Rat
ol, mixed isomers (cis and trans)	toxicity, dermal)	5000 ma/lia hiii		Det
	LD50 (oral)	> 5000 mg/kg bw		Rat
	L DEO (dames 1)			IL ORBIT
	LD50 (dermal)	> 2000 mg/kg bw		Rabbit
	Eye irritation	Irritant		Rabbit
	1		  Patch test	

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Genotoxicity - in vivo   NOAEL (dermal)   NOAEL (oral)   NOAEL (oral)   NOAEL (oral)   NOAEL (oral)   Not sensitizing   OECD 411   Rat   OECD 411   Rat   OECD 411   NOAEL (fertility, dermal)   NOAEL (fertility, along   NOAEL (fertility, along   NOAEL (fertility, along   NOAEL (fertility, along   NOAEL (fertility, along   NOAEL (fertility, along   NOAEL (oral) - So00 mg/kg bw   OECD 406   OECD 471   Rat   OECD 471   Salmonella typhimurium   NOAEL (oral) - So00 mg/kg bw   OECD 402   OECD 412   Rat   OECD 412   OECD 412   OECD 413   OECD 412   OECD 414   O		1-	I	1	,
NOAEL (dermal)		Genotoxicity - in vitro	Not genotoxic	OECD 473	<del> </del>
NOAEL (crail) Skin sensitisation Mutagenicity NOAEL (critility, elemina) NOAEL (critility, elemina) NOAEL (critility, elemina) NOAEL (critility, elemina) NOAEL (critility, elemina) NOAEL (critility, elemina) NOAEL (critility, elemina) NOAEL (critility) NOAEL (critility, elemina) NOAEL (critility) NOAEL (critity) NOAEL (critility) NOAEL (critility) NOAEL (critility) NOAE		,		1	Mouse
Skin sensitisation   Mutagenicity   NoAEL (fertility, dermal)   NoAEL (fertility, dermal)   NoAEL (inhalation)   249 mg/kg bw/d   NoAEL (inhalation)   25000 mg/kg bw   OECD 401   Rat   NoAEL (inhalation)   NoAEL (inhalation)   25000 mg/kg bw   OECD 401   Rat   NoAEL (inhalation)		NOAEL (dermal)	> 1000 mg/kg bw/d	OECD 411	
Mutagenicity   NOAEL (fertility, dermal)   LD50 (oral)   NOAEL (inhalation)   LD50 (dermal)   NOAEL (inhalation)   NOAEL (development)   NOAEL (development)   NOAEL (development)   NOAEL (inhalation)   NOA		NOAEL (oral)	125 mg/kg bw/d	OECD 407	Rat
NOAEL (derillity, dermal)		Skin sensitisation	Not sensitizing	OECD 406	Guinea pig
NOAEL (dermal)		Mutagenicity	Negative	OECD 471	Salmonella typhimurium
Hexyl salicylate					
Lexyl salicylate			····································		
NOAEL (inhalation)	l Hexyl salicylate		> 5000 mg/kg bw	OECD 401	Rat
LD50 (dermal)	l			1	
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Skin irritation		estimate			
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Genotoxicity - in vitro Eye irritation LD50 (oral) - estimate LD50 (dermal) - estimate  Dodecanal  LD50 (oral)  LD50 (dermal)  Eye irritation LD50 (oral) - estimate LD50 (dermal) - Extimate  Dodecanal  LD50 (dermal)  Skin irritation LD50 (oral) L		oral)			
Eye irritation   Moderately irritant     Rabbit		Mutagenicity	Negative	OECD 471	Salmonella typhimurium
Eye irritation   Moderately irritant     Rabbit		Genotoxicity - in vitro	Not genotoxic	OECD 476	Chinese Hamster
LD50 (oral) - estimate > 2000 mg/kg bw Read across   LD50 (dermal) -		1			Rabbit
LD50 (dermal) - estimate  Dodecanal  LD50 (dermal) > 2000 mg/kg bw  Read across  Rabbit  Human  LD50 (oral) 23100 mg/kg bw  Rat  NOAEL (oral) 1409 mg/kg bw/d OECD 408  Read across  Skin irritation - estimate Irritant  Read across  Rabbit			1	Read across	
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Dodecanal  LD50 (dermal)  Skin irritation  Mildly irritant  LD50 (oral)  NOAEL (oral)  Genotoxicity - estimate  Skin irritation - estimate  Skin irritation - 2000 mg/kg bw   Rabbit  Human  Human  CECD 408  Rat  Read across  Read across  Rabbit					
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I	l	∟ye ırrıtatıon - estımate	Irritant	Read across	lkappit

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	Skin sensitisation - estimate	Sensitizing.	Read across	Mouse
Reaction mass of 3,5-dimethylcyclohex -3-ene-1-carbaldehyde and 2		3900 mg/kg bw		Rat
,4-dimethylcyclohex-3-ene-1- carbaldehyde				
	Eye irritation	Slightly irritant		Rabbit
	Skin irritation	Irritant		Rabbit
	LD50 (dermal)	> 5000 mg/kg bw		Rabbit
	Skin sensitisation - estimate	Sensitizing.	Read across	Guinea pig
	NOAEL (development) - estimate	25 mg/kg.d	Read across	Rat
	NOAEL (fertility) - estimate	Not reprotoxic	Read across	Rat
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
		1	Read across	
	NOAEL (oral) - estimate	150 mg/kg bw/d	Read across	Rat
3-Methylcyclopentadecenone	Skin sensitisation	Not sensitizing	OECD 406	Guinea pig
	Skin irritation	Non-irritant	OECD 404	Rabbit
	LD50 (dermal)	> 2000 mg/kg bw		Rabbit
	LD50 (oral)	> 2000 mg/kg bw		Rat
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	Genotoxicity - in vitro	Not genotoxic	OECD 473	
	NOAEL (fertility, oral)	> 1000 mg/kg bw/d	OECD 415	Rat
	Eye irritation	Non-irritant	OECD 405	Rabbit

# 11.2. Information on other hazards

Endocrine disrupting

: Not applicable.

properties

Other information : Not applicable.

# SECTION 12 ECOLOGICAL INFORMATION

# 12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Toxic to aquatic organisms. Calculated LC50 (fish): 3 mg/l. Calculated EC50 (waterflea): 4 mg/l.

Contains 0 % of components with unknown hazards to the aquatic environment.

# 12.2. Persistence and degradability

Persistence – degradability: May cause long-term adverse effects in the aquatic environment.

## 12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

12.4. Mobility in soil

Mobility : Adsorbs to soil and has low mobility.

# 12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

## 12.6. Endocrine disrupting properties

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Endocrine disrupting

: Not applicable.

properties

# 12.7. Other adverse effects

Other adverse effects : Not applicable.

Ecological information:

Chemical name	Property		Method	Test animal
alpha-Hexylcinnamaldehyde	NOEC (fish)	0,93 mg/l	OECD 203	Pimephales promelas
	LC50 (fish)	1,7 mg/l	OECD 203	Pimephales promelas
	Ultimate aerobic	97 %	OECD 301 F	
	biodegradation (%)			
	IC50 (algea)	> 0,32 mg/l	OECD 201	Desmodesmus
				subspicatus
	Log P(ow)	5,3		
3,5,5-Trimethylhexyl acetate	LC50 (fish)	7,7 mg/l		Pimephales promelas
,,o,o rimioarymoxyr additate	EC50 (waterflea)	> 5,4 mg/l		Daphnia magna
	IC50 (algea)	1,3 mg/l	OECD 201	Pseudokirchnerella
	lood (diged)	1,0 mg/	0200 201	subcapitata
	Log P(ow)	4,6		Subcapitata
3-Methyl-4-(2,6,6-trimethyl-2-	LC50 (fish)	10,9 mg/l	OECD 203	Oncorhynchus mykiss
yclohexen-1-yl)-3-buten-2-one	LC30 (IISH)	10,9 1119/1	OECD 203	Oncomynends mykiss
ycionexen-1-yr)-3-buten-2-one	l litimata garabia	61,8 %	OECD 301 B	
	Ultimate aerobic	01,0 %	OECD 301 B	
	biodegradation (%)	0.04 //		Dankaia waa waa
	EC50 (waterflea) -	3,04 mg/l		Daphnia magna
	estimate	1 "	0505.000	L
	EC50 (waterflea)	4,7 mg/l	OECD 202	Daphnia magna
	IC50 (algea)	> 20 mg/l	OECD 201	Desmodesmus
				subspicatus
	Log P(ow)	4,288		
-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-	EC50 (waterflea)	1,38 mg/l	OECD 202	
tetramethyl-2-naphthyl)ethan-1-one	1			
	IC50 (algea)	> 2,6 mg/l	OECD 201	
	LC50 (fish)	1,3 mg/l	OECD 203	
	Log P(ow)	5,23		
	BCF	600		
łexyl salicylate	EC50 (waterflea)	0,357 mg/l	OECD 202	Daphnia magna
	IC50 (algea)	0,61 mg/l	OECD 201	Desmodesmus
				subspicatus
	LC50 (fish) - estimate	1,34 mg/l		Brachydanio rerio
	Ultimate aerobic	91 %	OECD 301 F	
	biodegradation (%)			
	NOEC (waterflea) -	0,140 mg/l	OECD 202	Daphnia magna
	acute	,	020220	- apaaga
	Log P(ow)	5,5000		
Cis-2-tert-butylcyclohexyl acetate	LC50 (fish)	5,6 mg/l		Brachydanio rerio
Ols-2-tert-butyloydionexyr acetate	EC50 (waterflea)	17 mg/l		Daphnia magna
	IC50 (waternea)	4,2 mg/l	OECD 201	Desmodesmus
	licou (algea)	T,2 1119/1	0200 201	subspicatus
	NOEC (algae)	0.57 mg/l	OECD 201	Desmodesmus
	NOEC (algae)	0,57 mg/l	OECD 201	
	I litimanto a bi-	42.0/	0505 224 5	subspicatus
	Ultimate aerobic	43 %	OECD 301 F	
	biodegradation (%)	1		
	Log P(ow)	4,7		L
3a,4,5,6,7,7a-Hexahydro-4,7-methan	o-ILC50 (fish)	6,7 mg/l	OECD 203	Pimephales promelas
1H-inden-6-yl propionate				

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	Ultimate aerobic biodegradation (%)	15 %	OECD 301 F	
	EC50 (waterflea)	> 14 mg/l	OECD 202	Daphnia magna
	IC50 (algea)	2,5 mg/l	OECD 201	Desmodesmus subspicatus
	Log P(ow)	3,5100		
Allyl (cyclohexyloxy)acetate	EC50 (waterflea)	11,3 mg/l	OECD 202	Daphnia magna
	NOEC (waterflea) - chronic	3,2 mg/l.d	OECD 202	Daphnia magna
	Ultimate aerobic biodegradation (%)	24 %	OECD 301 D	
	IC50 (algea)	69,2 mg/l	OECD 201	Pseudokirchnerella subcapitata
	LC50 (fish)	0,205 mg/l	OECD 203	Brachydanio rerio
	Log P(ow)	2,64		
3-Methylcyclopentadecenone	LC50 (fish)	0,22 mg/l		
	Ultimate aerobic	43 %	OECD 301 D	
	biodegradation (%)			
	EC50 (waterflea)	0,39 mg/l		Daphnia magna
	IC50 (algea)	> 30 mg/l		
	Log P(ow)	5,91		

# SECTION 13 DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat

product residues, impregnated wipes and non-empty pack as hazardous waste.

Additional warning : None.

Waste water discharge : Do not dispose of into the environment, drains, sewers or water courses.

European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a

waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.

Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Local regulations may be more stringent than regional or national requirements and must be

complied with.

# SECTION 14 TRANSPORT INFORMATION

#### 14.1. UN number or ID number

UN nr. : UN 3082

## 14.2. UN proper shipping name

Transport name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl salicylate; 1-(1,2,3,4,5,

6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)

Transport name (IMDG, : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ( Hexyl salicylate ; 1-

IATA) (1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphtyl)ethan-1-one)

## 14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/railway/inland waterways)

Class : 9 Classification code : M6 Packaging group : III

Danger label : 9 + the "environmentally hazardous substance" mark.

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Tunnel restriction code

: (-)





Other information : Not intended for carriage by tank-vessels on inland waterways. This product is not regulated as a

dangerous good when transported in sizes of <= 5 L or <= 5 kg, provided the packagings meet the

general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 (Special provisions 375).

IMDG (sea)

Class : 9 Packaging group : III

EmS (fire / spill) : F - A / S - F

Marine pollutant : Yes

Other information : This product is not regulated as a dangerous good when transported in sizes of <= 5 L or <= 5

kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8

(IMDG code 37-14, 2.10.2.7).

IATA (air)

Class : 9 ERG code : 9L

## 14.6. Special precautions for user

Other information : Country specific variations may apply. It is possible that a "Limited Quantity" exemption applies to

the transport of this product.

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

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO)

instruments. Packaged liquids are not considered bulk.

## SECTION 15 REGULATORY INFORMATION

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

Community regulations : Regulation (EU) No 2020/878 (REACH), Regulation (EC) No 1272/2008 (CLP) and other

regulations. Directive 2008/98/EC (waste).

15.2. Chemical safety assessment

Chemical safety : Not applicable.

assessment

## SECTION 16 OTHER INFORMATION

# 16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2020/878 dated 18 June 2020 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

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Changed or new information with regard to the previous release is indicated with an asterisk (\*).

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE : Acute Toxicity Estimate

CLP : Classification, Labeling & Packaging

CMR : Carcinogenic, Mutagenic or toxic for Reproduction

EEC : European Economic Community

GHS : Globally Harmonized System of Classification and Labelling of Chemicals

IATA : International Air Transport Association
IBC code : International Bulk Chemical Code

IMDG : International Maritime Dangerous Goods Code LD50/LC50 : Lethal Dose/Concentration for 50% of a population

MAC : Maximum Allowable Concentration

MARPOL : International Convention for the Prevention of Pollution From Ships

NO(A)EL : No Observed (Adverse) Effect Level

OECD : Organisation for Economic Co-operation and Development

PBT : Persistent, Bioaccumulative and Toxic

PC : Chemical product category

PT : Product type

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

RID : Regulations concerning the International Carriage of Dangerous Goods by Rail

STP : Sewage Treatment Plant

SU : Sector of Use

TWA/STEL : Time-Weighted Average/Short Term Exposure Limit

UN : United Nations

UFI : Unique formula identifier VOC : Volatile Organic Compounds

vPvB : Very Persistent and Very Bioaccumulative

Key data used to compile the Safety Data Sheet are from, but not limited to, one or more sources of information e.g. toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation EG 1272/2008, etc.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

Skin Irrit. 2 : Calculation method.

Eye Irrit. 2 : Calculation method.

Skin Sens. 1/1A/1B : Calculation method.

Aquatic Chronic 2 : Calculation method.

Full text of hazard classes mentioned in section 3:

Acute Tox. 4 : Acute toxicity, category 4. Skin Irrit. 2 : Skin irritation, category 2. Eye Irrit. 2 : Eye irritation, category 2.

Skin Sens. 1/1A/1B : Skin sensitization, category 1/1A/1B.

Aquatic Chronic 1 : Hazardous to the aquatic environment — Chronic category 1.

Aquatic Chronic 2 : Hazardous to the aquatic environment — Chronic category 2.

Aquatic Chronic 3 : Hazardous to the aquatic environment — Chronic category 3.

Aquatic Acute 1 : Hazardous to the aquatic environment — Acute category 1.

Full text of H-phrases mentioned in section 3:

H302 Harmful if swallowed. 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.

Advice on any training appropriate for workers: none.

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Number format : "," used as decimal separator.

End of safety data sheet.

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