

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/21, Erstellt am 21.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/21, Created on 21.08.2017. according to Regulation EC / 1907/2006. Edition 2.
	SHAKE Duftpad für Kleiderschränke SENSATION SHAKE fragrance pad for wardrobe SENSATION

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

1.1.	Product identifier	
	Trade name:	SHAKE Duftpad für Kleiderschränke SENSATION SHAKE fragrance pad for wardrobe SENSATION
	Chemical name:	No data available
	Catalogue number:	No data available
1.2.	Relevant identified uses of the substance or mixture and uses advised against	
	Using:	<p>Fragrance granules for cabinets. Fragrances Shake bags contain 100% of natural granules, which are enriched with fragrant composition based on essential oils. Expected odour duration: 6 weeks.</p> <p>A way of using fragrance granules for wardrobe: remove the fragrant sacks from the protective foil and place them in to the drawer, the clothes box or the closet. If you want to hang the bags in the closet, use the attached hooks as it is shown on the picture. For small area, use only one bag. For medium to large area at least two bags.</p> <p>WARNING: Do not use bags in the washing machine or a dryer. Avoid direct contact of scented bags with clothes and laundry. Keep out of reach of children, food, drink and animal feed. Content is not edible.</p>
	Uses advised against:	No data available
	Reason advised against:	No data available
1.3.	Details of the supplier of the safety data sheet	
	Company name:	Shake Austria e.U.
	Address:	Strass 21, A - 5301 Eugendorf
	Telephone number:	+43 (0) 622 641 007
	e-mail of the person in charge:	welcome@shake.co.at
	National contact:	No data available
1.4.	Emergency telephone number	
	Department of emergency situations telephone number:	144
	Medical information's telephone number:	Tel Vergiftungszentrale Österreich: +43 1 4064343
	Other data's:	No data available

SECTION 2. HAZARD IDENTIFICATION

2.1.	Classification of the substance or mixture	
2.1.1.	Classification according to Regulation (EC) 1272/2008 [CLP]	
	Hazard class and category code:	Hazard statements:
	-	-

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2.1.2.	Additional information's	
	No data available	
**Full text of H i EUH statements is available in section 16.		
2.2.	Classification elements according to Regulation (EC) 1272/2008 [CLP]	
	Product identifier:	SHAKE Duftpad für Kleiderschränke SENSATION SHAKE fragrance pad for wardrobe SENSATION
	Identification number:	-
	Authorisation number:	-
	Hazard pictograms:	-
	Signal word:	-
	Hazard statements:	-
	Precautionary statements: lavender,	P273 – Avoid release to the environment. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention. P337 + P313 – If eye irritation persists: Get medical advice/attention. P391 – Collect spillage. P501 – Dispose of contents/container to relevant information's
	Additional information's on hazards:	EUH 208 Contain 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, d-limonen, Linalool 3-p-cumenyl-2-methylpropionaldehyde (2E)-2-(phenylmethylidene)octanal, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, L-p-mentha-1(6),8-dien-2-one, Octanal, 2-(phenylmethylene)-, (2Z). May produce an allergic reaction.
2.3.	Additional hazards	
	The substance does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH).	

SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS				
CAS/ EINECS/ Index No	REACH registration No	Content %	Name	Classification according to Regulation (EC) No 1272/2008
54464-57-2 259-174-3 -	01- 2119489989- 04-0000	2,56-3,1	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Aquatic chronic 1; H410 M=1
140-11-4 205-399-7 -	01- 2119638272- 42	2,56-3,1	Benzyl acetate	Aquatic chronic 3; H412

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1222-05-5 214-946-9 603-212-00-7	01- 2119488227- 29	1,44-2,06	1,3,4,6,7,8-hexahydro- 4,6,6,7,8,8- hexamethylindeno[5,6- c]pyran	Aquatic Acute 1;H400 Aquatic chronic 1;H410
5989-27-5 227-813-5 601-029-00-7	01- 2119958629- 18	1,03-1,44	d-limonen	Flam. Liq. 3; H226 Aspir. Tox 1; H304 Skin Irr. 2, H315 Skin. Sens. 1B; H317 Aquatic chronic 1;H410 Aquatic Acute 1;H400
78-70-6 201-134-4 -	01- 2119474016- 42	0,62-1,03	Linalool	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr. 2.; H319
103-95-7 203-161-7 -	01- 2119970582- 32	0,20-0,62	3-p-cumenyl-2- methylpropionaldehyde	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Aquatic chronic ,2;H411 M=1
165184-98-5 639-566-4 -	01- 2119533092- 50	0,20-0,62	(2E)-2- (phenylmethylidene)octa nal	Derm. Sens. 1; H317 Aquatic chronic 1;H410 M=1 Aquatic chronic ,2;H411 M=1
115-95-7 204-116-4 -	01- 2119454789- 19	0,20-0,62	Linalyl acetate	Skin Irr. 2, H315 Eye Irr. 2.; H319
18479-58-8 242-362-4 -	01- 2119457274- 37	0,20-0,62	2,6-dimethyloct-7-en-2- ol	Skin Irr. 2, H315 Eye Irr2; H319
127-51-5 215-635-0 -	-	0,20-0,62	3-methyl-4-(2,6,6- trimethyl-2-cyclohexen- 1-yl)-3-buten-2-one	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Aquatic chronic ,2; H411 M=1
4430-31-3 224-623-4 -	-	0,20-0,62	Octahydro-2H-1- benzopyran-2-one	Eye Dam. 1; H318
6485-40-1 229-352-5 606-148-00-8	01- 2119962458- 25	0,02-0,05	L-p-mentha-1(6),8-dien- 2-one	Derm. Sens. 1B; H317
364364-06-7 - -	- - -	0,02-0,25	Octanal, 2- (phenylmethylene)-, (2Z)	Skin. Sens. 1B; H317 Aquatic chronic 1;H400 Aquatic Acute 2;H411

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SECTION 4: FIRST AID MEASURES		
4.1.	Description of first aid measures	
	General information's:	In case if the symptoms persist, consult a physician.
	Inhalation:	In case the symptoms occur, remove the victim (move out / take out) to fresh air and keep the victim rest.
	Skin contact:	Remove all contaminated clothing and shoes. Rise affected area with liquid, lukewarm water and soap with mild soap. Seek medical attention if symptoms persist. Contaminated clothing should be washed before re-use.
	Eye contact:	Wash hands, spread the lids with clean fingers and rinse the eye with running lukewarm water for 15 minutes. If injured person wears contact lenses, remove them with clean fingers if it is easily before this procedure. Immediately asks for the help of an ophthalmologist.
	Ingestion:	Wash mouth with water. DO NOT induce vomiting. IMMEDIATELY get medical attention.
4.2.	Most important symptoms and effects, both acute and delayed	
	After inhalation:	Not expected. By very sensitive individuals cough, sneezing, nasal congestion, headache can occur
	After skin contact:	By very sensitive individuals and by prolonged contact it can cause redness, burning, drying of the skin, allergic reactions.
	After eye contact:	It is unlikely considering the way of use. By very sensitive persons, it can cause redness, burning or tearing.
	After ingestion:	It is unlikely considering the way of use. I may cause vomiting, nausea, diarrhoea.
4.3.	Immediate medical attention and special treatment needed	
	Treatment should be symptomatic. Treat as instructed by your doctor.	

SECTION 5: FIRE-FIGHTING MEASURES		
5.1.	Extinguishing media	
	Suitable extinguishing media:	Carbon dioxide, water spray
	Unsuitable extinguishing media:	High water jet.
5.2.	Special hazards arising from the mixture.	
	Hazardous burning product's:	In case of fire at high temperatures harmful and irritating mixtures can be formed: carbon dioxide / carbon monoxide. During fire dangerous smoke can occur. DO NOT inhale that smoke!
5.3.	Advice for firefighters:	
	Wear self-contained breathing apparatus (HRN EN 137), protective clothing against fire (HRN EN 469), gloves (HRN EN 659) and boots (HRN A29 ili A30). Wear protective clothing to prevent contact with skin and eyes. Evacuate and isolate danger area. Closed containers exposed to fire or high temperature should be cooled down with dispersed streams of water if it is safe to do. Prevent wastes from extinguishing to enter drains and water reservoirs by building dikes (for example sand). The resulting waste and residues after the fire action should be removed in accordance valid regulations.	

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5.4.	Additional information's
	No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES		
6.1.	Personal precautions, protective equipment and emergency procedures	
6.1.1.	For non-emergency personal	
	Protective equipment:	Wear protective personal clothing (section 8.)
	Accident preventing procedures:	Make sure that everyone are following recommended procedures for save handling, storage and transport (see section 7.)
	Procedures in case of accident:	Keep unnecessary personnel away. Stop further leaking. Eliminate all ignition, heat and sparking sources if safe to do so. Ensure adequate ventilation. Do not inhale vapours. Avoid contact with skin and eyes.
6.1.2.	For emergency personnel:	
	Wear protective clothing recommended in Section 8. Keep unprotected personnel away.	
6.2.	Environmental precautions:	
	Avoid release containers and chemicals to the environment. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.	
6.3.	Methods and material for containment and cleaning up	
6.3.1.	For boarding, covering, plugging:	Prevent from discharging into drains and water courses by building (other materials are aloud too)) barrages and barriers. Ensure adequate ventilation. In case of large spills inform local authority.
6.3.2.	Methods and materials for containment and cleaning up.:	In case of spill, pick up mechanically and place into appropriate containers for disposal. Hand over to a legal person authorized by the ministry responsible for environmental protection. Rinse with plenty of water. Prevent drainage of waste water into watercourses.
6.3.3.	Additional information's:	No data available.
6.4.	Direction on other sections	
	Sections 8. i 13.	

SECTION 7: HANDLING AND STORAGE		
7.1.	Precautions for safe handling	
7.1.1.	Protective measures:	
	Measures to prevent fire:	Eliminate all sources of ignition, sparking and heat – do not smoke.
	Measures for preventing creation of aerosols and dust:	Hold up all instruction for save handling. Use only in a well-ventilated places.
	Environmental precautions:	Closed containers, concrete floor surfaces, covered.

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7.1.2.	General advice of hygiene on work place	
	Do not eat, drink or smoke when using this product (on working place). Wash hands thoroughly after handling and before break. Wear protective personal clothing (section 8.) Remove all contaminated clothes and footwear.	
7.2.	Conditions for safe storage, including any incompatibilities	
	Technical measures and storage requirements:	Store on dry, cool (5-25 °C) and good ventilated place, away from sources of heat, sparking, ignition source, direct sunlight. Make sure everyone are following instructions for save handling
	Suitable packaging:	Store only in original, closed-up containers. It is not allowed to displace in any other container.
	Demand for storage area and containers:	Bend in the floor must not be bunched into a sewage.
	Advice how to set out the storage:	Adequate ventilation.
	Other information's on storage terms:	Keep out other materials.
7.3.	Specific end use(s)	
	Recommendations:	No data available.
	Special solutions for the industrial sector:	No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION				
8.1.	Control parameters			
Substance	CAS No.	Occupational exposure limits (GVII/KGVI)		Biological exposure limits
		ppm	mg/m ³	
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2	-	-	-
Benzyl acetate	140-11-4	-	-	-
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5	-	-	-
d-limonen	5989-27-5	-	-	-
Linalool	78-70-6	-	-	-
3-p-cumenyl-2-methylpropionaldehyde	103-95-7	-	-	-
(2E)-2-(phenylmethylidene)octanal	165184-98-5	-	-	-
Linalyl acetate	115-95-7	-	-	-
2,6-dimethyloct-7-en-2-ol	18479-58-8	-	-	-
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	127-51-5	-	-	-

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Octahydro-2H-1-benzopyran-2-one	4430-31-3	-	-	-
L-p-mentha-1(6),8-dien-2-one	6485-40-1	-	-	-
Octanal, 2-(phenylmethylene)-, (2Z)	364364-06-7	-	-	-

Substance name:		-		
EC No:	-	CAS No:	-	-

DNEL

Industrial				
Route of exposure:	Acute local effects	Acute systematic effects	Chronical local effects	Chronical systematic effects
Orally	No data available	No data available	No data available	No data available
Inhalation	No data available	No data available	No data available	No data available
Dermally	No data available	No data available	No data available	No data available

Vital physical parameters: solubility, flammability, corrosion -

Consumer

Route of exposure:	Acute local effects	Acute systematic effects	Chronical local effects	Chronical systematic effects
Orally	No data available	No data available	No data available	No data available
Inhalation	No data available	No data available	No data available	No data available
Dermally	No data available	No data available	No data available	No data available

PNEC

Protected environmental object	PNEC
Freshwater	No data available
Freshwater sediments	No data available
Seawater	No data available
Seawater sediments	No data available
Nutritional chain	No data available
Sewage treatment plant	No data available
Soil	No data available
Air	No data available

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8.2.	Charge of exposure	
8.2.1.	Adequate control appliance,	
	Measures to prevent exposure while recommended handling:	Avoid contact with eyes and skin. Use personal protective clothes as required.
	Structure measures to prevent exposure:	No data available
	Organisation measures to prevent exposure:	No data available
	Technical measures to prevent exposure:	Ensure enough air exchange / transition in work areas.
8.2.2.	Individual protection measures, such as personal protective equipment	
8.2.2.1.	Eye/face protection:	Under normal operating conditions - not required. Protective goggles with side shields in case of eye contact (HRN EN 166)
8.2.2.2.	Skin protection	
	Hand protection:	In case of prolonged direct contact and sensitive skin wear protective rubber gloves-Neoprene gloves or PVC (HRN EN 374) .
	Other body parts protection:	Wear suitable protective cotton clothing with long hose and sleeve. In case of hard working conditions with more quantities of product wear PVC clothing, Viton or rubber (HRN EN 14605).
8.2.2.3.	Respiratory Protection:	Under normal operating conditions respiratory protection equipment is not required. In case working with warm up fragrances it is necessary to provide intensive ventilation and elimination of perspired components.
8.2.2.4.	Heat hazard:	No data available.
8.2.3.	Environment exposure control	
	Measures for prevent exposure to substance/component:	Prevent contact with skin, eyes and clothes. Do not eat, drink or smoke while handling with product. Wash hands after break and after the work is done. Wash contaminated clothes before re-use.
	Structural measures for prevent exposure:	No data available
	Organisational measures for prevent exposure:	Adapt working process to working area requirement and environment requirement.
	Technical measures to prevent exposure:	Closed containers, concrete floor surfaces, cover up, adequate ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1.	Information on basic physical and chemical properties	
	Value	Method
Appearance:	Solid (granules soaked with essential oils) inside the sealed packaging	No data available
Colour:	No data available (according to the labels on the packaging)	No data available

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	Odour:	Characteristic	No data available
	Odour threshold:	No data available	No data available
	pH:	No data available	No data available
	Melting/freezing point:	No data available	No data available
	Initial boiling point and boiling range:	No data available	No data available
	Flash point:	No data available	No data available
	Evaporation rate:	No data available	No data available
	Flammability (solid, gas):	No data available	No data available
	Upper / lower flammability or upper / lower explosion limit:	No data available	No data available
	Vapour pressure:	No data available	No data available
	Vapour density:	No data available	No data available
	Relative density:	No data available	No data available
	Solubility(ies):	No data available	No data available
	Partition coefficient (n-octanol/water):	No data available	No data available
	Auto-ignition temperature:	No data available	No data available
	Decomposition temperature:	No data available	No data available
	Viscosity:	No data available	No data available
	Explosive properties:	No data available	No data available
	Oxidizing properties:	No data available	No data available
9.2.	Other information's:		
	No data available		

SECTION 10: STABILITY AND REACTIVITY

10.1.	Reactivity:	No data available.
10.2.	Chemical stability:	Under normal conditions of use and storage, compound is stable.
10.3.	Possibility of hazardous reactions:	No data available
10.4.	Conditions to be avoided:	Under normal conditions of use and storage, compound is stable

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10.5.	Incompatible materials:	No data available
10.6.	Hazardous decomposition products	No data available

SECTION 11: TOXICOLOGICAL INFORMATION					
11.1.	Information on toxicological effects				
	Acute toxicity:				
Benzyl acetate					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: 2490 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD50: >5000 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LC50:	No data available	No data available
Linalool					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50 >2790 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD50 > 5610 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LC50	No data available	No data available
3-p-cumenyl-2-methylpropionaldehyde					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50:>3810 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD50:	No data available	No data available
Inhalation:	No data available	No data available	LD50:	No data available	No data available
2,6-dimethyloct-7-en-2-ol					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50:>4100 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD50	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available

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3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50:>5000 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD50:>5000 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available
Octahydro-2H-1-benzopyran-2-one					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: 3900 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD50: 3500 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available
L-p-mentha-1(6),8-dien-2-one					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: 1640 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD50	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available
(2E)-2-(phenylmethylidene)octanal					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50:>3100 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD50:	No data available	No data available
Inhalation:	No data available	No data available	LD50:	No data available	No data available
STOT-single exposure					
	Specific effect		Exposure organ	Note	
Oral:	No data available		No data available	No data available	
Dermal:	No data available		No data available	No data available	

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Inhalation:	No data available		No data available		No data available	
Aspiration hazard:						
No data available.						
Corrosion/irritation:						
(E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one						
	Exposure duration	Organism	Evaluation	Method	Note	
Skin corrosion/irritation:	No data available	rabbit	No data available	-	Skin irritant	
Serious eye damage/irritation:	No data available	rabbit	No data available	-	Eye irritant.	
Sensitisation						
Skin sensitisation:	Yes					
Respiratory sensitisation:	No data available					
(E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one: photo sensitivity: no reaction at conc. of 10%						
Symptoms related to physical, chemical and toxicological characteristics						
Oral:	No data available					
Dermal:	No data available					
Inhalation:	No data available					
Eye contact:	No data available					
Repeated dose toxicity (subacute, sub chronic, chronic)						
	Dose	Exposure duration	Organism	Evaluation	Method	Note
Oral subacute	No data available	No data available	No data available	No data available	No data available	No data available
Skin subacute	No data available	No data available	No data available	No data available	No data available	No data available
Inhalation subacute	No data available	No data available	No data available	No data available	No data available	No data available
Oral sub chronic	No data available	No data available	No data available	No data available	No data available	No data available

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Skin sub chronic	No data available	No data available	No data available	No data available	No data available	No data available
Inhalation sub chronic	No data available	No data available	No data available	No data available	No data available	No data available
Oral chronic	No data available	No data available	No data available	No data available	No data available	No data available
Skin chronic	No data available	No data available	No data available	No data available	No data available	No data available
Inhalation chronic	No data available	No data available	No data available	No data available	No data available	No data available
Specific target organ toxicity-repeated exposure (TCOP):						
	Specific effect		Organ exposure		Note	
Oral subacute	No data available		No data available		No data available	
Skin subacute	No data available		No data available		No data available	
Inhalation subacute	No data available		No data available		No data available	
Oral sub chronic	No data available		No data available		No data available	
Skin sub chronic	No data available		No data available		No data available	
Inhalation sub chronic	No data available		No data available		No data available	
Oral chronic	No data available		No data available		No data available	
Skin chronic	No data available		No data available		No data available	
Inhalation chronic	No data available		No data available		No data available	
Carcinogenicity, mutagenicity, reproductive toxicity						
Carcinogenicity:			No data available			
Mutagenicity <i>in-vitro</i> :			No data available			
Germ mutagenicity			No data available			
Mutagenicity <i>in-vivo</i> :			No data available			
Germ cell mutagenicity			No data available			
Reproductive toxicity:			No data available			
Evaluation of CMR qualification:			No data available			

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11.2.	Practical experience:
	Observations relevant for classification: No data available
	Other observations: No data available
11.3.	Common use:
	No data available.

SECTION 12: ECOLOGICAL INFORMATION						
12.1.	Toxicity					
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Benzyl acetate						
Fish	LC ₅₀	96 h	No data available	No data available	4 mg/l	No data available
Crustacean (Daphnia magna)	EC ₅₀	48 h	No data available	No data available	No data available	No data available
Algae	EC ₅₀	72 h	No data available	No data available	No data available	No data available
Bacteria	-	3 h	No data available	No data available	No data available	No data available
Linalool						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC ₅₀	96 h	No data available	OECD 203	27,8 mg/l	No data available
Crustacean (Daphnia Magna)	EC ₅₀	48 h	No data available	OECD 202	59 mg/l	No data available
Algae	EC ₅₀	96 h	No data available	No data available	88,3 mg/l	No data available
Other organism-bacteria	EC50:	-	No data available	No data available	No data available	No data available
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC ₅₀	96 h	No data available	No data available	10,9 mg/l	No data available
Crustacean	EC ₅₀	48 h	No data available	No data available	No data available	No data available
Algae	EC ₅₀	72 h	No data available	No data available	No data available	No data available

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Bacteria	EC ₅₀	3 h	No data available	No data available	No data available	No data available
L-p-mentha-1(6),8-dien-2-one						
Fish	LC ₅₀	96 h	No data available	No data available	No data available	No data available
Crustacean	EC ₅₀	48 h	No data available	No data available	4 mg/l	No data available
Algae	EC ₅₀	72 h	No data available	No data available	No data available	No data available
Bacteria	EC ₅₀	16 h	No data available	No data available	No data available	No data available
Other organism	-	-	No data available	No data available	No data available	No data available
Cronic toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	NOEC	1440 h	No data available	No data available	0.119 mg/l	No data available
Crustacean (daphnia)	NOEC	504 h	No data available	No data available	0.448 mg/l	No data available
Crustacean (daphnia)	NOEC	96 h	No data available	No data available	0.056 mg/l	No data available
Algae	NOEC	96 h	No data available	No data available	0.408 mg/l	No data available
Other organism	-	-	No data available	No data available	No data available	No data available
12.2. Persistence and degradability						
Abiotic degradability						
	Time of half degradation		Method	Evaluation		Note
Sea water	No data available		No data available	No data available		No data available
Fresh water	No data available		No data available	No data available		No data available
Air	No data available		No data available	No data available		No data available
Soil	No data available		No data available	No data available		No data available
Biodegradability						
% degradation	Time (dates)		Method	Evaluation		Note
No data available	No data available		No data available	No data available		No data available

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No data available	No data available	No data available	No data available	No data available	No data available	No data available
No data available	No data available	No data available	No data available	No data available	No data available	No data available
12.3. Bio accumulative potential						
Partition coefficient octanol/water logPow						
Value	Concentration	pH	°C	Method	Evaluation	Note
No data available	No data available	No data available	No data available	No data available	No data available	No data available
No data available	No data available	No data available	No data available	No data available	No data available	No data available
No data available	No data available	No data available	No data available	No data available	No data available	No data available
Bio concentration factor (BCF)						
Value	Organism	Method	Evaluation	Note		
No data available	No data available	No data available	No data available	No data available	No data available	
No data available	No data available	No data available	No data available	No data available	No data available	
No data available	No data available	No data available	No data available	No data available	No data available	
Chronic toxicity to environment						
Value	Dose	Time of exposure	Organism	Method	Evaluation	Note
Chronic fish toxicity	LC ₅₀	No data available	No data available	No data available	No data available	No data available
Chronic Crustacean toxicity (Daphnia)	EC ₅₀	No data available	No data available	No data available	No data available	No data available
12.4. Mobility in soil:						
Mobility in environment						
Surface tension:						
Value	°C	Concentration	Method	Note		
No data available	No data available	No data available	No data available	No data available	No data available	
No data available	No data available	No data available	No data available	No data available	No data available	

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	No data available	No data available	No data available	No data available	No data available
Adsorption/desorption					
Transport	Henry's constant	log Pow	Perspiration	Method	Note
Soil-water	No data available	No data available	No data available	No data available	No data available
Water -air	No data available	No data available	No data available	No data available	No data available
Soil-air	No data available	No data available	No data available	No data available	No data available
12.5. Results of PBT and vPvB					
-					
12.6. Other adverse effects					
The product is hazardous to the aquatic environment with long lasting effects.					
SECTION 13. DISPOSAL CONSIDERATIONS					
13.1. Waste treatment methods					
Waste must be collected separately and kept on the place-under surveillance-where the unauthorised personal cannot reach it.					
13.1.1. Residual waste / contaminated packaging					
DO NOT leak into the environment and municipal waste. Recycle if possible. Legal persons: Keep track of the amount of waste at the warehouse. When handing over the waste, hand it over to the authorized collector with the accompanying documentation (Attachment Sheet).					
13.1.2. Waste code packaging:					
15 01 01- paper and cardboard packaging 15 01 02- plastic packaging					
13.1.3. Waste treatment methods:					
No data available.					
13.1.4. Possibility of spilling into sewage:					
No data available.					
13.1.5. Other recommendations for waste disposal::					
Waste treat method accord to local law regulation demands (see section 13. and .6.)					
13.1.6. Relevant regulations:					

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EU directives, regulations and laws

SECTION 14: TRANSPORT DETAILS	
ADR/RID	
UN number:	-
UN proper shipping name:	not classified as a dangerous substance
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
RID	
UN number:	-
UN proper shipping name:	not classified as a dangerous substance
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
ADN	
UN number:	-
UN proper shipping name:	not classified as a dangerous substance
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
IMDG	
UN number:	-
UN proper shipping name:	not classified as a dangerous substance
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	-
ICAO-TI/IATA-DGR	
UN number:	-
UN proper shipping name:	not classified as a dangerous substance
Transport hazard class:	-
Environmental hazards:	-
Special precautions for user:	-
Additional information's:	No data available

SECTION 15: REGULATORY INFORMATION	
15.1.	Safety, health and environmental regulations/legislation specific for the mixture
	EU directive
	Authorisation or/and usage restrictions
	Authorisations: -
	Restrictions: -
	Other EU directives: EU Directives
	Data's (directive 1999/13/EZ) about emission restrictions perspire organic compounds:
	National directive: -
15.2.	Evaluation of chemical safety
	-

SECTION 16: OTHER INFORMATION	
16.1.	Changes mention: -
16.2.	Abbreviation's: ADR- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) ADN- The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADR)CLP- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures CAS – Chemical Abstract Service number CMR- Carcinogenic, mutagenic, repro toxic substances DPD – Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 ... to the classification, packaging and labelling of dangerous preparations. DSD – COUNCIL DIRECTIVE of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (67/548/EEC)

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		EC number – EINECS and ELINCS number IATA – The International Air Transport Association (IATA) ICAO-TI – The technical instructions for safe Air traffic of dangerous goods IMDG- The International Maritime traffic of Dangerous Goods (IMDG) LD50- Lethal dose for 50% tested organisms PBT-Persistent, bio accumulative, toxic PNEC(s)- Predicted no-effect concentration RID- transport of dangerous goods by rail vPvB- very persistent, very bio accumulative
16.3.	Key literature and data's source:	Original MSDS: ((CONC.LAVANDA new 54937/4 od 31.01.2017,ver.3) and national law regulative
16.4.	Classification and using classification procedures for compounds according to CLP directive	
	CLP Classification	Classification procedure
	-	-
16.5.	Adequately Hazard statements:(number and full text)	
	H:	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways H315 Causes skin irritation. H317 May cause an allergic skin reaction H318 Causes serious eye damage. 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 Contain 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, d-limonen, Linalool 3-p-cumenyl-2-methylpropionaldehyde (2E)-2-(phenylmethylidene)octanal, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, L-p-mentha-1(6),8-dien-2-one, Octanal, 2-(phenylmethylene)-, (2Z). May produce an allergic reaction.
16.6.	Advices for practising	-
16.7.	Detail notice:	None
		As we know, information's which are contained in that MSDS matches our present cognition about this product. This product cannot be used in other purposes then those mentioned in MSDS sections. In case mixing with different products it is necessary to check are there any additional hazards. In case this product is used against information's that provides manufacturer, manufacturer has no legal responsibility for those allegations. Always read label and information's on product.

ATTACHMENT:
EXPOSURE SCENARIO IN ACCORDANCE WITH REPORT OF CHEMICAL SAFETY