



Shake Austria e.U.

SICHERHEITSDATENBLATT / MATERIAL SAFETY DATA SHEET

SHAKE LUFTERFRISCHER AUTO LAVENDEL / SHAKE AIR FRESHENER CAR LAVENDER

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING		
1.1.	Product identifier	
	Trade name:	SHAKE LUFTERFRISCHER AUTO LAVENDEL SHAKE AIR FRESHENER CAR LAVENDER
	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:	Air freshener for cars and other indoor areas. Take the bottle with your fingers through the hole on the wood unscrews the top part and take off the plastic cap. Return the wooden cover where it belongs and tighten. After that, hang up the "Shake" on desired place (recommendation for car: car mirror), so it can rock (at rocking loosed fragrance are going through the wooden package). Turn on upside down for two seconds. Fragrance intensity can be adapted by the wooden ring on the rope witch can be wrap up or down to set the fragrance.
	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:	Pebering 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:
	Skin Irr. 2	H315
	Skin. Sens. 1	H317
	Eye Irr. 2	H319
	Aquatic Chronic 2	H411
2.1.2.	Additional information's	
	No data available	
**Full text of H i EUH statements is available in section 16.		



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2.2.	Classification elements according to Regulation (EC) 1272/2008 [CLP]	
	Product identifier:	SHAKE AIR FRESHENER LAVENDER
	Identification number:	-
	Authorisation number:	-
	Hazard pictograms:	
	Signal word:	Warning
	Hazard statements:	H315 – Causes skin irritation. H317 – May cause an allergic skin reaction. H319 – Causes serious eye irritation. H411 – Toxic to aquatic life with long lasting effects.
	Precautionary statements:	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 linalool, coumarine, d-limonen, cineole, citronellol, terpinolen, lavender, <i>Lavandula angustifolia</i> , extract, geraniol, nerol, eugenol, lavender oil. 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
78-70-6 201-134-4 -	01- 2119474016- 42	>= 15 -< 20	Linalool	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319
115-95-7 204-116-4 -	01- 2119454789- 19	>= 5 -< 7	Linalyl acetate	Skin Irr. 2, H315 Eye Irr.; H319
91-64-5 202-086-7	01- 2119943756-	>= 5 -< 7	Coumarine	Acute Tox. 3;H301 Acute Tox. 3;H311



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-	26			Acute Tox. 3;H331 Skin. Sens. 1; H317 Aquatic chronic,2;H411
5989-27-5 227-813-5 601-029-00-7	01- 2119529223- 47	≥ 3 -< 5	(R)-p-mentha-1,8-diene	Flam. Liq. 3; H226 Aspir. Tox 1; H304 Skin Irr. 2, H315 Skin. Sens. 1B; H317 Aquatic chronic 1;H410 Aquatic Acute 1;H400
8007-35-0 232-357-5 -	01- 2119977127- 29	≥ 1 -< 3	Terpineol, acetate	Aquatic chronic,2;H411 M=1
8000-41-7 232-268-1 -	01- 2119553062- 49	≥ 1 -< 3	Terpineol	Skin Irr. 2, H315 Eye Irr.; H319
76-22-2 200-945-0 -	-	≥ 1 -< 3	Camphor	Flam. Sol. 2; H228 Acute Tox. 4; H302 Acute Tox. 4; H332 STOT SE 2; H371
470-82-6 207-431-5 -	01- 2119967772- 24	≥ 1 -< 3	Cineole	Flam. Liq. 3;H226 Skin. Sens. 1B; H317
7212-44-4 230-597-5 -	01- 2119457636- 29	≥ 1 -< 3	Nerolidol	Eye Irr.; H319 Aquatic chronic 1;H410 Aquatic Acute 1;H400
106-22-9 203-375-0 -	01- 2119453995- 23	≥ 1 -< 3	Citronellol	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319
586-62-9 209-578-0 -	01- 2119982325 -32	$\geq 0,5$ -< 1	Terpinolen	Aspir. Tox 1; H304 Skin. Sens. 1B; H317 Aquatic chronic 1;H410 Aquatic Acute 1;H400
84776-65-8 283-994-0 -	-	$\geq 0,5$ -< 1	Lavander, <i>Lavandula angustifolia</i> , extract	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319 Aquatic chronic,3;H412
106-24-1 203-377-1 -	01- 2119552430- 49	$\geq 0,5$ -< 1	Geraniol	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Dam. 1; H318
5989-27-5 227-813-5 601-029-00-7	01- 2119958629- 18	$\geq 0,25$ -< 0,5	d-limonen	Flam. Liq. 3; H226 Aspir. Tox 1; H304 Skin Irr. 2, H315



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				Skin. Sens. 1B; H317 Aquatic chronic 1;H410 Aquatic Acute 1;H400
106-25-2 203-378-7 -	-	$\geq 0,25$ - $< 0,5$	Nerol	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319
97-53-0 202-589-1 -	-	$\geq 0,25$ - $< 0,5$	Eugenol	Skin. Sens. 1B; H317 Eye Irr.; H319
8022-15-9 297-385-2 -	-	$\geq 0,1$ - $< 0,25$	Lavander oil	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319 Aquatic chronic,3;H412
123-92-2 204-662-3 -	01- 2119548408- 32	30 ppm	Isopentyl acetate	Flam. Liq. 3;H226 EUH066

SECTION 4: FIRST AID MEASURES

4.1.	Description of first aid measures	
	General information's:	In the case of the occurrence and persistence of symptoms, consult a physician.
	Inhalation:	Remove the victim (move out / take out) from vapour/aerosol exposure to fresh air; and in case of any discomfort immediately seek medical attention.
	Skin contact:	Remove contaminated clothing. Wash skin thoroughly with water and mild soap, and then rinse with plenty of water. In the case of the occurrence and persistence of symptoms of irritation, seek for medical attention. Wash contaminated clothing thoroughly before reuse.
	Eye contact:	Wash hands! In case of contact with eyes, rinse immediately with plenty of water, remove contact lenses (if there are any) and continue to rinse for about 15 minutes. During rinsing keep eyelids widely open and move your eyeball. Immediately seek for Ophthalmologist!
	Ingestion:	Immediately get medical attention! DO NOT induce vomiting.
4.2.	Most important symptoms and effects, both acute and delayed	
	After inhalation:	Symptoms are not expected.
	After skin contact:	There may be redness, itching, rash occurred by sensible person.
	After eye contact:	Not likely regard the way of using.
	After ingestion:	Not likely regard the way of using.
4.3.	Immediate medical attention and special treatment needed	
	Show medical staff the material safety data sheet or label/packaging. Specific information for the doctor: Treatment should be symptomatic and supportive.	



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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: During 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.
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 safe 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 Stop the flow of material by covering with absorb material as sawdust, sand or mineral absorbent and place into appropriate containers for disposal (section 13.), rinse residuals with plenty of water.



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	cleaning up.:	
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.
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 (GVI/KGVI)		Biological exposure limits
		ppm	mg/m ³	
Linalool	78-70-6	-	-	-
Linalyl acetate	115-95-7	-	-	-



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Coumarine	91-64-5	-	-	-
(R)-p-mentha-1,8-diene	5989-27-5	-	-	-
Terpineol, acetate	8007-35-0	-	-	-
Terpineol	8000-41-7	-	-	-
Camphor	76-22-2	-	-	-
Cineole	470-82-6	-	-	-
Nerolidol	7212-44-4	-	-	-
Citronellol	106-22-9	-	-	-
Terpinolen	586-62-9	-	-	-
Lavander, Lavandula angustifolia, extract	84776-65-8	-	-	-
Geraniol	106-24-1	-	-	-
d-limonen	5989-27-5	-	-	-
Nerol	106-25-2	-	-	-
Eugenol	97-53-0	-	-	-
Lavander oil	8022-15-9	-	-	-
Isopentyl acetate	123-92-2	50/100	270/540	-

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



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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	
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
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:	By prolonged contact or sensitive person should 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.



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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:	Liquid	No data available
	Colour:	No data available	No data available
	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:	>65°C	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
	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:	0,920-1,000	No data available
	Solubility(ies):	No data available	No data available
	Topljivost(i):	No data available	No data available
	Partition coefficient (n-octanol/water):	No data available	No data available
	Auto-ignition	No data available	No data available



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temperature:		
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
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:				
Coumarine					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ 293 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD ₅₀ 293 mg/kg	No data available	No data available
Inhalation:	No data available	rat	LC ₅₀ 293 mg/kg	No data available	No data available
Cineole					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ 2480 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD ₅₀	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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Terpineol					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ >4300 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD ₅₀	No data available	No data available
Inhalation:	No data available	No data available	No data available	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	LD ₅₀ : >2790 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD ₅₀ : >5610 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available

Geraniol					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ : >3600 mg/kg	No data available	No data available
Dermal:	No data available	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	No data available

Camphor					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ : >1500 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD ₅₀	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available

Nerol					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ : >4500 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD ₅₀	No data available	No data available



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Inhalation:	No data available	No data available	No data available	No data available	No data available
Citronellol					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ : >3450 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD ₅₀ : >2650 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LD ₅₀	No data available	No data available
Terpinolen					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ : >3850 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD ₅₀	No data available	No data available
Inhalation:	No data available	No data available	LD ₅₀	No data available	No data available
Eugenol					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ : >2300 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD ₅₀	No data available	No data available
Inhalation:	No data available	No data available	LD ₅₀	No data available	No data available
Heksil metil keton					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD ₅₀ : >3000 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD ₅₀ : >5 mg/kg	No data available	No data available
Dermal:	No data available	guinea Pig	LD ₅₀ : >0,05-0,24 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD ₅₀ : 500 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LD ₅₀	No data available	No data available



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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
Inhalation:	No data available	No data available	No data available

Aspiration hazard:	No data available.
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Corrosion/irritation:	Product				
	Exposure duration	Organism	Evaluation	Method	Note
Skin corrosion/irritation:	No data available	rabbit	No data available	No data available	Skin irritant
Serious eye damage/irritation:	No data available	rabbit	No data available	No data available	Eye irritant

Sensitisation	Skin sensitisation: It can cause sensitisation				
	Respiratory sensitisation: No data available				

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	No data	No data	No data	No data available	No data	No data



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chronic	available	available	available		available	available
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
Eukaliptol						
Fish	LC ₅₀	96 h	No data available	No data available	57 mg/L	No data available
Crustacean	EC ₅₀	48 h	No data available	No data available	>100 mg/L	No data available
Algae	EC ₅₀	72 h	No data available	No data available	>74 mg/L	No data available
Other organism	-	-	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	EC ₅₀ :	-	No data available	No data available	No data available	No data available
Coumarine						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC ₅₀	96 h	No data available	No data available	1.324 mg/L	No data available
Crustacean	EC ₅₀	48 h	No data available	No data available	8.012 mg/L	No data available
Crustacean	EC ₅₀	96 h	No data available	No data available	1.283 mg/L	No data available



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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	
No data available	No data available	No data available	No data available	No data available	No data available	



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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					
No data available					
12.6. Other adverse effects					
Toxic to aquatic life 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 15 01 03- wooden packaging 15 01 10*- packaging which contains danger products residuals or it is contaminated with dangerous substances					
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.)					



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13.1.6. Relevant regulations:

EU directives, regulations and laws

SECTION 14: TRANSPORT DETAILS

ADR/RID

UN number:	3082
UN proper shipping name:	Environmentally hazardous substances N.O.S.
Transport hazard class:	9
Packing group:	III
Environmental hazards:	Yes
Special precautions for user:	Special provision: 274, 335, 375, 601; code restriction tunnel E; Hazardous class: 90

RID

UN number:	-
UN proper shipping name:	-
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-

ADN

UN number:	-
UN proper shipping name:	-
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-

IMDG

UN number:	3082
UN proper shipping name:	Environmentally hazardous substances N.O.S.
Transport hazard class:	9
Packing group:	III
Environmental hazards:	Yes
Special precautions for user:	EMS: F-A, S-F,



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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:	3082
UN proper shipping name:	Environmentally hazardous substances N.O.S.
Transport hazard class:	9
Environmental hazards:	III
Special precautions for user:	964; A97, A158, A197; ERG: 9L
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:	<p>ADR- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)</p> <p>ADN- The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</p> <p>(ADR)CLP- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures</p> <p>CAS – Chemical Abstract Service number</p> <p>CMR- Carcinogenic, mutagenic, repro toxic substances</p> <p>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.</p> <p>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)</p>



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		<p>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</p>
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
	Skin Irr. 2; H315	According to original manufacturer's MSDS
	Skin. Sens. 1; H317	According to original manufacturer's MSDS
	Eye Irr. 2; H319	According to original manufacturer's MSDS
	Aquatic Chronic 2; H411	According to original manufacturer's MSDS
16.5.	Adequately Hazard statements:(number and full text)	
	H226	Flammable liquid and vapour.
	H228	Flammable solid
	H301	Harmful if swallowed.
	H302	May be fatal if swallowed and enters airways.
	H304	May be fatal if swallowed and enters airways
	H311	Toxic in contact with skin
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction
	H318	Causes serious eye damage.
	H319	Causes serious eye irritation.
	H:	
	H331	Toxic if inhaled
	H332	Harmful if inhaled
	H371	May cause damage to organs
	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 linalool, coumarine, d-limonen, cineole, citronellol, terpinolen, lavender, <i>Lavandula angustifolia</i> , extract, geraniol, nerol, eugenol, lavender oil. May produce an allergic reaction.
	EUH66	Repeated exposure may cause skin dryness or cracking.
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.



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**ATTACHMENT:
EXPOSURE SCENARIO IN ACCORDANCE WITH REPORT OF CHEMICAL SAFETY**