



Shake Austria e.U.

## SICHERHEITSDATENBLATT / MATERIAL SAFETY DATA SHEET

SHAKE LUFTERFRISCHER AUTO WEISSER MOSCHUS /  
SHAKE AIR FRESHENER CAR WHITE MUSK**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

1.1.	Product identifier	
	Trade name:	SHAKE LUFTERFRISCHER AUTO WEISSER MOSCHUS / SHAKE AIR FRESHENER CAR WHITE MUSK
	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 which contains essential oils. 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 Stra 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 sterreich: +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 WHITE MUSK
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:	Contains izoeugenol. EUH 208- Contains linalool, coumarin powder, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, 7-hydroxycitronellal, citronellol, geraniol, nerol, 2E)-2-(phenylmethylidene)octanal, undec-10-enal, dodecanal.. 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
1222-05-5 214-946-9 603-212-00-7	01- 2119488227- 29	>= 10 -< 12,5	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
78-70-6 201-134-4 -	01- 2119474016- 42	>= 3 -< 5	Linalool	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319



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91-64-5 202-086-7 -	01- 2119943756- 26	$\geq 3 - < 5$	Cumarine powder	Acute Tox. 3;H301 Acute Tox. 3;H311 Acute Tox. 3;H331 Skin. Sens. 1; H317 Aquatic chronic,2;H411
127-51-5 204-846-3 -	-	$\geq 3 - < 5$	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	Skin Irr. 2, H315 Skin. Sens. 1B; H317
60-12-8 200-456-2 -	01- 2119963921- 31	$\geq 1 - < 3$	2-phenylethanol	Acute Tox. 4; H302 Eye Irr.; H319
107-75-5 203-518-7 -	01- 2119973482- 31	$\geq 1 - < 3$	7-hydroxycitronellal	Skin. Sens. 1B; H317 Eye Irr.; H319
115-95-7 204-116-4 -	01- 2119454789- 19	$\geq 1 - < 3$	Linalyl acetate	Skin Irr. 2, H315 Eye Irr.; H319
140-11-4 205-399-7 -	01- 2119638272- 42	$\geq 1 - < 3$	Benzyl acetate	Aquatic chronic. 3; H412
127-42-4 204-842-1 -	-	$\geq 1 - < 3$	[R-(E)]-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)pent-1-en-3-one	Skin Irr. 2, H315 Aquatic chronic,2;H411
106-22-9 203-375-0 -	01- 2119453995- 23	$\geq 1 - < 3$	Citronellol	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319
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
97-54-1 202-590-7 -	-	$\geq 0,5 - < 1$	Isoeugenol	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin. Sens. 1; H317 Skin Irr. 2, H315 Eye Irr.; H319
106-25-2 203-378-7 -	-	$\geq 0,5 - < 1$	Nerol	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319
165184-98-5 639-566-4 -	01- 2119533092- 50	$\geq 0,25 - < 0,5$	2E)-2-(phenylmethylidene)octanal	Skin. Sens. 1; H317 Aquatic Acute 1;H400 M=1 Aquatic chronic,2;H411 M=1



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112-45-8 203-973-1 -	01- 2119990746- 20	$\geq 0,1$ - $< 0,25$	Undec-10-enal	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319 Aquatic Chronic 3;H412 M=1
112-54-9 203-983-6 -	01- 2119969441- 33	$\geq 0,1$ - $< 0,25$	Dodecanal	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319
110-82-7 203-806-2 601-017-00-1	-	81 ppm	Cyclohexane	Flam. Liq. 2;H225 Asp. Tox. 1; H304 Skin Irr. 2, H315 STOT SE 3; H336 Aquatic Acute 1;H400 Aquatic chronic,1; H410

**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.	

**SECTION 5: FIRE-FIGHTING MEASURES**

5.1.	Extinguishing media	
	Suitable extinguishing media:	Carbon dioxide, water spray



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	Unsuitable extinguishing media:	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 cleaning up.:	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.
6.3.3.	Additional information's:	No data available



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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 (5-25OC) 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.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Substance	CAS No.	Occupational exposure limits (GVI/KGVI)		Biological exposure limits
		ppm	mg/m <sup>3</sup>	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5	-	-	-
alfa-izometiljonon	127-51-5	-	-	-
Coumarin powder	91-64-5	-	-	-
d-limonen	5989-27-5	-	-	-
Linalool	78-70-6	-	-	-
Linalil acetat	115-95-7	-	-	-
2-phenylethanol	60-12-8	-	-	-
2E)-2-(phenylmethylidene)octanal	165184-98-5	-	-	-



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Benzyl acetate	140-11-4	-	-	-
[R-(E)]-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)pent-1-en-3-one	127-42-4	-	-	-
7-hydroxycitronellal	107-75-5	-	-	-
2,4-dimetilcikloheks-3-ene-1-karbaldehyd	68039-49-6	-	-	-
Citronellol	106-22-9	-	-	-
Geraniol	106-24-1	-	-	-
Izoeugenol	97-54-1	-	-	-
Nerol	106-25-2	-	-	-
Undec-10-enal	112-45-8	-	-	-
Dodecanal	112-54-9	-	-	-
Cyclohexane	110-82-7	200/-	700/-	Cyclohexane exhale air: exposure time: 9,15 qmol/l (220 ppm) Cyclohexanol: blood: exposure time: 4,49 qmol/l urine; during the second half of the work shift: 3,61 mmol/mol creatinine* (3,20 mg/g creatinine)
Substance name:	-			
EC No:	-	CAS No:	-	-
<b>DNEL</b>				
<b>Industrial</b>				
<b>Route of exposure:</b>	<b>Acute local effects</b>	<b>Acute systematic effects</b>	<b>Chronical local effects</b>	<b>Chronical systematic effects</b>
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			-	



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<b>Consumer</b>				
<b>Route of exposure:</b>	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
<b>PNEC</b>				
Protected environmental object		<b>PNEC</b>		
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.	<b>Charge of exposure</b>			
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).		





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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:	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.
8.2.3.	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:	No data available	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:	0,950-1,030	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 temperature:	No data available	No data available



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	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:

alfa-izometiljonon

Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	rat	LD <sub>50</sub> >5000 mg/kg	No data available	No data available
Dermal:	No data available	mouse	LD <sub>50</sub> >5000 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LD <sub>50</sub>	No data available	No data available

2-feniletan-1-ol

Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	mouse	LD <sub>50</sub> : >1580 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD <sub>50</sub> : 2535 mg/kg	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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Benzil acetat					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	rat	LD <sub>50</sub> : 2490 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD <sub>50</sub> : >5000 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LC <sub>50</sub> :	No data available	No data available
Coumarine powder					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	rat	LD <sub>50</sub> : 293 mg/kg	No data available	No data available
Dermal:	No data available	rat	LD <sub>50</sub> : 293 mg/kg	No data available	No data available
Inhalation:	No data available	rat	LD <sub>50</sub> : 293 mg/kg	No data available	No data available
Linalool					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	rat	LD <sub>50</sub> : >2790 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD <sub>50</sub> : >5610 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LD <sub>50</sub> :	No data available	No data available
7-hydroxycitronellal					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	rat	LD <sub>50</sub> : >6400 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD <sub>50</sub> : >2000 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LD <sub>50</sub> :	No data available	No data available



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Benzyl acetate					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	mouse	LD <sub>50</sub> : 2490 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD <sub>50</sub> : >5000 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LD <sub>50</sub> :	No data available	No data available
Citronellol					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	rat	LD <sub>50</sub> : >3450 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD <sub>50</sub> : >2650 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LD <sub>50</sub> :	No data available	No data available
Geraniol					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	rat	LD <sub>50</sub> : >3600 mg/kg	No data available	No data available
Dermal:	No data available	No data available	LD <sub>50</sub>	No data available	No data available
Inhalation:	No data available	No data available	LD <sub>50</sub> :	No data available	No data available
Isoeugenol					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result
Oral:	No data available	rat	LD <sub>50</sub> : >1500 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD <sub>50</sub> : >1900 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LD <sub>50</sub> :	No data available	No data available
Nerol					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>compound</sub>	Time of exposure	Result



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Oral:	No data available	rat	LD50: >4500 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
2E)-2-(phenylmethylidene)octanal					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> 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
Dodecanal					
Route of exposure:	Method	Organism	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE compound	Time of exposure	Result
Oral:	No data available	rat	LD50: >23.100 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD50: >2.000 mg/kg	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	
Inhalation:	No data available		No data available	No data available	
Aspiration hazard:					
Corrosion/irritation:					
Product					
	Exposure duration	Organism	Evaluation	Method	Note
Skin corrosion/irritation:	No data available	No data available	No data available	No data available	Skin irritant



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Serious eye damage/ irritation:	No data available	No data available	No data available	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 chronic	No data available	No data available	No data available	No data available	No data available	No data 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	



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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:			
Evaluation of CMR qualification:		No data available	
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
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one						
Fish	LC50: > 10.9 mg/l	96 h	No data available	No data available	No data available	No data available
Crustacean(Daphnia Magna)	EC50:	48 h	No data available	No data available	No data available	No data available



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Algae	IC <sub>50</sub>	72 h	No data available	No data available	No data available	No data available
Bacteria	EC <sub>50</sub> :	3 h	No data available	No data available	No data available	No data available
Linalol						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC <sub>50</sub> : 27,8 mg/l	96 h	No data available	OECD 203	No data available	No data available
Crustacean(Daphnia Magna)	EC <sub>50</sub> : 59 mg/l	48 h	No data available	OECD 202	No data available	No data available
Algae	EC <sub>50</sub> : 88,3 mg/l	96 h	No data available	No data available	No data available	No data available
Other organism-bacteria	EC <sub>50</sub> :	1464 h	No data available	No data available	No data available	No data available
Benzil acetat						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC <sub>50</sub> : 4 mg/l	96 h	No data available	No data available	No data available	No data available
Crustacean(Daphnia Magna)	EC <sub>50</sub> :	48 h	No data available	No data available	No data available	No data available
Algae	EC <sub>50</sub> :	72 h	No data available	No data available	No data available	No data available
Other organism-bacteria	EC <sub>50</sub> :	-	No data available	No data available	No data available	No data available
Cumarine powder						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC <sub>50</sub> : 1,324 mg/l	96 h	No data available	No data available	No data available	No data available
Crustacean(Daphnia Magna)	EC <sub>50</sub> : 8,012 mg/l	48 h	No data available	No data available	No data available	No data available
Crustacean(Daphnia Magna)	LC <sub>50</sub> : 1,283 mg/l	96 h				
Algae	EC <sub>50</sub> : 1.452 mg/l	96 h	No data available	No data available	No data available	No data available
Other organism-bacteria	EC <sub>50</sub> : > 100 mg/l	3 h	No data available	No data available	No data available	No data available
7hydroxycitronellal						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC <sub>50</sub> : 31,6 mg/l	96 h	No data available	No data available	No data available	No data available





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Crustacean	EC <sub>50</sub> : 410 mg/l	48 h	No data available	No data available	No data available	No data available
Algae	EC <sub>50</sub> : 123,32 mg/l	72 sati	No data available	No data available	No data available	No data available
Other organism Bacteria's	EC <sub>50</sub> :	-	No data available	No data available	No data available	No data available
Dodecanal						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC <sub>50</sub> : 2,6 mg/l	96 h	No data available	No data available	No data available	No data available
Crustacean	EC <sub>50</sub> :	48 h	No data available	No data available	No data available	No data available
Algae	EC <sub>50</sub> :	72 sati	No data available	No data available	No data available	No data available
Other organism Bacteria's	EC <sub>50</sub> :	-	No data available	No data available	No data available	No data available
Coumarine powder						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	NOEC: 0.119 mg/l	1440 h	No data available	No data available	No data available	No data available
Crustacean	NOEC: 0.448 mg/l	504 h	No data available	No data available	No data available	No data available
Algae	NOEC: 0.056 mg/l	96 h	No data available	No data available	No data available	No data available
Other organism Bacteria's	NOEC: 0.408 mg/l	96 h	No data available	No data available	No data available	No data available



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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	
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	



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Chronic toxicity to environment						
Value	Dose	Time of exposure	Organism	Method	Evaluation	Note
Chronic fish toxicity	LC <sub>50</sub>	No data available	No data available	No data available	No data available	No data available
Chronic Crustacean toxicity (Daphnia)	EC <sub>50</sub>	No data available	No data available	No data available	No data available	No data available
<b>12.4. Mobility in soil:</b>						
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	
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
<b>12.5. Results of PBT and vPvB</b>						
No data available						
<b>12.6. Other adverse effects</b>						
Toxic to aquatic life with long lasting effects.						
<b>SECTION 13. DISPOSAL CONSIDERATIONS</b>						
<b>13.1. Waste treatment methods</b>						
.						
<b>13.1.1. Residual waste / contaminated packaging</b>						
Waste must be collected separately and kept on the place-under surveillance-where the unauthorised personal cannot reach it.						



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13.1.2.	<b>Waste code packaging:</b>
	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.	<b>Waste treatment methods:</b>
	No data available
13.1.4.	<b>Possibility of spilling into sewage:</b>
	No data available
13.1.5.	<b>Other recommendations for waste disposal::</b>
	Waste treat method accord to local law regulation demands (see section 13. and .6.)
13.1.6.	<b>Relevant regulations:</b>
	EU directives, regulations and laws
<b>SECTION 14: TRANSPORT DETAILS</b>	
	<b>ADR/RID</b>
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
	<b>RID</b>
UN number:	-
UN proper shipping name:	-
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-



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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, Storage class: A
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



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SHAKE AIR FRESHENER CAR WHITE MUSK**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) 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: (FIOR DI LOTO 85256 NEW S/S8 od 12.05.2017,ver.4) and national law regulative



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16.4.	<b>Classification and using classification procedures for compounds according to CLP directive</b>	
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.	<b>Adequately Hazard statements:(number and full text)</b>	
	H:	H225 Highly flammable liquid and vapour. H301 Toxic if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H318 Causes serious eye damage. H331 Toxic if inhaled. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains linalool, coumarin powder, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, 7-hydroxycitronellal, citronellol, geraniol, nerol, 2E)-2-(phenylmethylidene)octanal, undec-10-enal, dodecanal.. May produce an allergic reaction.
16.6.	<b>Advices for practising</b>	-
16.7.	<b>Detail notice:</b>	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**