

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.	
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.	
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM	

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING		
1.1.	Product identifier	
	Trade name:	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM
	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:	Compound for fragrance. Used: dishwashers.
	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:
	Skin Irr. 2	H315
	Skin. Sens. 1B	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.		
2.2.	Classification elements according to Regulation (EC) 1272/2008 [CLP]	
	Product identifier:	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM
	Identification number:	-
	Authorisation number:	-

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM

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:	P101 – If medical advice is needed, have product container or label at hand. P102 – Keep out of reach of children. P103 – Read label before use. P273 – Avoid release to the environment. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P501 – Dispose of contents/container to relevant information's
Additional information's on hazards:	EUH 208 Contain d-limonen, (S)-p-mentha-1,8-diene Terpinolen, Cineole, Citral, Beta-pinene. 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
5989-27-5 227-813-5 601-029-00-7	01- 2119529223- 47	≥ 10 - $< 12,5$	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
- - -	-	≥ 80 - < 90	ESKOREN ULTRA 2528	Not a dangerous ingredient
5989-54-8 227-815-6 601-029-00-7	01- 2119958629- 18	≥ 1 - < 3	(S)-p-mentha-1,8-diene	Aquatic chronic1;H410 Aquatic Acute 1;H400 Aspir. Tox 1; H304 Flam. Liq. 3; H226

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.			
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.			
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM			

				Skin Irr. 2, H315 Skin. Sens. 1B; H317
586-62-9 209-578-0 -	01- 2119982325 -32	$\geq 0,25 - < 0,5$	Terpinolen	Aspir. Tox 1; H304 Skin. Sens. 1B; H317 Aquatic chronic 1;H410 M=1 Aquatic Acute 1;H400 M=1
470-82-6 207-431-5 -	01- 2119967772- 24	$\geq 0,1 - < 0,25$	Cineole	Flam. Liq. 3; H226 Skin. Sens. 1B; H317
5392-40-5 226-394-6 605-019-00-3	01- 2119462829- 23	$\geq 0,5 - < 1$	Citral	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Eye Irr.; H319
127-91-3 204-872-5 -	-	$\geq 1 - < 3$	Beta-pinene	Flam. Liq. 3; H226 Aspir. Tox 1; H304 Skin Irr. 2, H315 Skin. Sens. 1B; H317 Aquatic chronic 1;H410 Aquatic Acute 1;H400

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) 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 for at least 15 minutes, 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:	Symptoms are not expected.
	After eye contact:	Symptoms are not expected.
	After ingestion:	Symptoms are not expected.

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.	
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.	
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM	

4.3.	Immediate medical attention and special treatment needed
	Show medical staff the material safety data sheet or label/packaging. Treat as instructed by the 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:	Do not inhale gases released by explosion or combustion. During the fire heavy smoke develops. 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.) Eliminate all ignition, heat and sparking sources.
	Procedures in case of accident:	Keep unnecessary personnel away. Wear protective clothing. Pick up with absorbent material (wool, cloth) and place it in to marked and intended containers, later disposed as a hazardous waste. Stop further leaking. After cleaning, rinse with water. In case of big pollution, inform the competent authorities according to the Environmental Protection Plan. Inform the local authorities.
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.	

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.	
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.	
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM	

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 sand (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.:	Pick up 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:	Use the product in well-ventilated rooms. Use personal protective equipment.
	Measures for preventing creation of aerosols and dust:	Avoid creating aerosols.
	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 with soap and water. Wear protective personal clothing (section 8.) Remove all contaminated clothes and footwear before lunch. Carefully handle the dishes and carefully open them to avoid sudden leakage. Use personal protection as specified in Section 8.	
7.2.	Conditions for safe storage, including any incompatibilities	
	Technical measures and storage requirements:	Store away from food, drink and animal food.
	Suitable packaging:	Original packaging with a label.
	Demand for storage area and containers:	Store in well-closed containers in a dry place and at room temperature. The space must be adequate ventilated.
	Advice how to set out the storage:	Adequate ventilation.
	Other information's on storage terms:	See the section 10.
7.3.	Specific end use(s)	
	Recommendations:	No data available.
	Special solutions for the industrial sector:	No data available.

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.			
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.			
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM			

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	
d-limonen	5989-27-5	-	-	
ESKOREN ULTRA 2528	-	-	-	-
(S)-p-mentha-1,8-diene	5989-54-8	-	-	-
Terpinolen	586-62-9	-	-	-
Cineole	470-82-6	-	-	-
Citral	5392-40-5	-	-	-
Beta-pinene	127-91-3	-	-	-
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	

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.	
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.	
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM	

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. Ensure adequate ventilation.
	Structure measures to prevent exposure:	Incorporate and use suitable work equipment in accordance with legal norms.
	Organisation measures to prevent exposure:	No data available
	Technical measures to prevent exposure:	No data available
8.2.2.	Individual protection measures, such as personal protective equipment	
8.2.2.1.	Eye/face protection:	Protective goggles with side shields in case of eye contact (HRN EN 166) or visor splash protection.
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.
8.2.3.	Environment exposure control	
	Measures for prevent exposure to substance/component:	Use of the mixture in accordance with the operating instructions and the Safety Data Sheet.
	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.

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES			
9.1.	Information on basic physical and chemical properties		
		Value	Method
	Appearance:	Solid	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:	No data available	No data available
	Flash point:	> 65 0C	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
	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
	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

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.				
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.				
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM				

9.2.	Other information's:	
	No data available	
SECTION 10: STABILITY AND REACTIVITY		
10.1.	Reactivity:	Under normal conditions of use and storage, compound is stable..
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	Not known.

SECTION 11: TOXICOLOGICAL INFORMATION					
11.1.	Information on toxicological effects				
	Acute toxicity:				
Terpinolen					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: >3850 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
Cineole					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: >2480 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
Citral					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	No data available	LD ₅₀	No data available	No data available
Dermal:	No data available	rabbit	LD ₅₀ : >2250 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	LD ₅₀	No data available	No data available

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.		
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.		
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM		

ESCOREN ULTRA 2528 - minimal toxic

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.						
Corrosion/irritation:						
Product						
		Exposure duration	Organism	Evaluation	Method	Note
Skin corrosion/irritation:		No data available	No data available	No data available	No data available	Product: Skin irritant ESCOREN ULTRA 2528: Irritation is negligible at room temperature
Serious eye damage/irritation:		No data available	No data available	No data available	No data available	Product: Eye irritant ESCOREN ULTRA 2528: May cause short-term light disturbances
Irritation by inhalation:		No data available	No data available	No data available	No data available	ESCOREN ULTRA 2528: Neglected at room temperature or in normal use
Sensitisation						
Skin sensitisation:		Yes				

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM

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
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

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.		
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.		
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM		

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	
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					
Citral						
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC50:	96 h	No data available	No data available	6,78 mg/l	No data available
Crustacean (Daphnia Magna)	EC50:	48 h	No data available	No data available	6,8 mg/l	No data available
Algae	ErC50:	72 h	No data available	No data available	103,9 mg/l	No data available
Other organism-bacteria	EC50:	0,5 h	No data available	OECD 209	160 mg/l	No data available

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM

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
	Chronic toxicity to environment					

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.					
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM					

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: No data available

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

12.5. Results of PBT and vPvB

No data available

12.6. Other adverse effects

No data available

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

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM

	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 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:
	EU directives, regulations and laws

SECTION 14: TRANSPORT DETAILS	
ADR/RID	
UN number:	3077
UN proper shipping name:	Environmentally hazardous substances, solid, N.O.S.
Transport hazard class:	9
Packing group:	III
Environmental hazards:	Yes
Special precautions for user:	For personal protection see section 8. Danger: 90, Labels: 9; Tunnel restriction code: E; S.P.:274 335 375 601
RID	
UN number:	-
UN proper shipping name:	-
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM

ADN	
UN number:	-
UN proper shipping name:	-
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
IMDG	
UN number:	3077
UN proper shipping name:	Environmentally hazardous substances, solid, N.O.S.
Transport hazard class:	9
Packing group:	III
Environmental hazards:	Yes
Special precautions for user:	For personal protection see section 8. Danger: 90, Labels: 9; Tunnel restriction code: E; S.P.:274 335 375 601
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Does not apply to the supplied product.
ICAO-TI/IATA-DGR	
UN number:	3077
UN proper shipping name:	Environmentally hazardous substances, solid, N.O.S.
Transport hazard class:	9
Environmental hazards:	Yes
Special precautions for user:	Passenger airplane: 956; cargo: 956; S.P. : A97 A158 A179: 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: -	

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2.	
	MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.	
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM	

	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: (ARANCIO 63234/5 NEW S/S8 od 12.05.2017,ver.4) 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.
	H304	May be fatal if swallowed and enters airways
	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.

Shake Austria e.U.	SICHERHEITSDATENBLATT Seiten 1/18, Erstellt am 22.08.2017. gemäß der Verordnung EG / 1907/2006. Ausgabe 2. MATERIAL SAFETY DATA SHEET Pages 1/18, Created on 22.08.2017. according to Regulation EC / 1907/2006. Edition 2.	
	SHAKE Geschirrspüler Deo LEMON BLOSSOM SHAKE Dishwasher Freshener LEMON BLOSSOM	

	H411 EUH208	Toxic to aquatic life with long lasting effects. Contain d-limonen, (S)-p-mentha-1,8-diene Terpinolen, Cineole, Citral, Beta-pinene. 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
