




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
SHAKE granules for dishwashers LEMON, LEMON FLOWER

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 SHAKE granules for dishwashers LEMON, LEMON FLOWER
	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:	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. 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 GRANULES FOR DISHWASHERS, fragrance: lemon, lemon flower (lemon, citrus, lemon flower)
	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:	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



SHAKE Geschirrspüler Deo LEMON BLOSSOM
SHAKE Dishwasher Freshener LEMON BLOSSOM
SHAKE granules for dishwashers LEMON, LEMON FLOWER

				Flam. Liq. 3; H226 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.



SHAKE Geschirrspüler Deo LEMON BLOSSOM
SHAKE Dishwasher Freshener LEMON BLOSSOM
SHAKE granules for dishwashers LEMON, LEMON FLOWER

	After ingestion:	Symptoms are not expected.
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	



SHAKE Geschirrspüler Deo LEMON BLOSSOM
SHAKE Dishwasher Freshener LEMON BLOSSOM
SHAKE granules for dishwashers LEMON, LEMON FLOWER

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 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
 SHAKE granules for dishwashers LEMON, LEMON FLOWER

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	



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
SHAKE granules for dishwashers LEMON, LEMON FLOWER

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. 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 Geschirrspüler Deo LEMON BLOSSOM
 SHAKE Dishwasher Freshener LEMON BLOSSOM
 SHAKE granules for dishwashers LEMON, LEMON FLOWER

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
 SHAKE granules for dishwashers LEMON, LEMON FLOWER

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



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
SHAKE granules for dishwashers LEMON, LEMON FLOWER

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					



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
SHAKE granules for dishwashers LEMON, LEMON FLOWER

Skin sensitisation:	Yes					
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	



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
 SHAKE granules for dishwashers LEMON, LEMON FLOWER

			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	
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-	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
SHAKE granules for dishwashers LEMON, LEMON FLOWER

bacteria						

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



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
SHAKE granules for dishwashers LEMON, LEMON FLOWER

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: 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.



SHAKE Geschirrspüler Deo LEMON BLOSSOM
SHAKE Dishwasher Freshener LEMON BLOSSOM
SHAKE granules for dishwashers LEMON, LEMON FLOWER

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 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
SHAKE granules for dishwashers LEMON, LEMON FLOWER

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 Geschirrspüler Deo LEMON BLOSSOM
SHAKE Dishwasher Freshener LEMON BLOSSOM
SHAKE granules for dishwashers LEMON, LEMON FLOWER

	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> <p>EC number – EINECS and ELINCS number</p> <p>IATA – The International Air Transport Association (IATA)</p> <p>ICAO-TI – The technical instructions for safe Air traffic of dangerous goods</p> <p>IMDG- The International Maritime traffic of Dangerous Goods (IMDG)</p> <p>LD50- Lethal dose for 50% tested organisms</p> <p>PBT-Persistent, bio accumulative, toxic</p> <p>PNEC(s)- Predicted no-effect concentration</p> <p>RID- transport of dangerous goods by rail</p> <p>vPvB- very persistent, very bio accumulative</p>
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)	
	H:	<p>H226 Flammable liquid and vapour.</p> <p>H304 May be fatal if swallowed and enters airways</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction</p> <p>H319 Causes serious eye irritation.</p> <p>H400 Very toxic to aquatic life.</p>



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
SHAKE granules for dishwashers LEMON, LEMON FLOWER

	H410 H411 EUH208	Very toxic to aquatic life with long lasting effects. 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