


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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING		
1.1. Product identifier		
Trade name:	SHAKE Geschirrspüler Deo MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT	
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. Sens. 1	H317
	Aquatic Chronic 3	H412
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 Menta Piperita SHAKE GRANULES FOR DISHWASHERS, fragrance: mint (mint piperita, pepermint, pfefferminze)	
Identification 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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

Authorisation number:	-
Hazard pictograms:	
Signal word:	Warning
Hazard statements:	H317 – May cause an allergic skin reaction. H412 – Harmful to aquatic life with long lasting effects.
Precautionary statements:	P272 – Contaminated work clothing should not be allowed out of the workplace. 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. P501 – Dispose of contents/container to relevant information's
Additional information's on hazards:	Contain L-menthol EUH 208 Contain ESKOREN ULTRA 2528, trans-menthone, Cineole, Isomenthone, Dipentene. 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
- - -	-	≥80 - < 90	ESKOREN ULTRA 2528	Not a dangerous ingredient
4180-23-8 224-052-0 -	-	≥ 3 - < 5	(E)-anethole	Skin. Sens. 1B; H317
2216-51-5 218-690-9 -	01- 2119458866- 21	≥1 - < 3	L-menthol	Skin Irr. 2, H315 Eye Irr.; H319
89-80-5 201-941-1 -	-	≥1 - < 3	trans-menthone	Skin Irr. 2, H315 Skin. Sens. 1B; H317 Aquatic chronic 3;H412 M=1

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT			

89-78-1 201-939-0 -	-	$\geq 1 - < 3$	Menthol	Skin Irr. 2, H315 Eye Irr.; H319
470-82-6 207-431-5 -	01- 2119967772- 24	$\geq 0,5 - < 1$	Cineole	Flam. Liq. 3; H226 Skin. Sens. 1B; H317
491-07-6 207-727-4 -	-	$\geq 0,5 - < 1$	Isomenthone	Skin Irr. 2, H315 Skin. Sens. 1B; H317
138-86-3 205-341-0 601-029-00-7	-	$\geq 0,25 - < 0,5$	Dipentene	Flam. Liq. 3; H226 Aspir. Tox 1; H304 Skin Irr. 2, H315 Skin. Sens. 1B; H317 Aquatic Acute 1; H40 Aquatic Chronic 1 ; H410

SECTION 4: FIRST AID MEASURES

4.1.	Description of first aid measures	
	General information's:	Observe all general instructions for first aid. In all cases where there is doubt or when symptoms last, seek medical help.
	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.
4.3.	Immediate medical attention and special treatment needed	
	Show medical staff the material safety data sheet or label/package. Treat as instructed by the doctor.	

SECTION 5: FIRE-FIGHTING MEASURES

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT	

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.
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:	Avoid contact with skin, eyes and clothing. Pay attention to the special instructions of Safety Data Sheet. See sections 7 and 8. Ensure adequate ventilation. Remove any possible sources of ignition.
	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.	
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	Pick up and place into appropriate containers for disposal. Hand over to a legal person authorized by the ministry responsible for environmental protection.

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

	containment and cleaning up.:	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. Eliminate all sources of ignition, sparking and heat – do not smoke.
	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.

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	

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT			

ESKOREN ULTRA 2528	-	-	-	-
L-menthol	4180-23-8	-	-	-
Mentol kristalini	2216-51-5	-	-	-
trans-menthone	89-80-5	-	-	-
Menthol	89-78-1	-	-	-
Cineole	470-82-6	-	-	-
Isomenthone	491-07-6	-	-	-
Dipentene	138-86-37	-	-	-

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

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

Vital physical parameters: solubility, flammability, corrosion -

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

PNEC	
Protected environmental object	PNEC
Freshwater	No data available
Freshwater sediments	No data available
Seawater	No data available
Seawater sediments	No data available
Nutritional chain	No data available

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1.	Information on basic physical and chemical properties	
	Value	Method

SHAKE Geschirrspüler Deo MENTA PIPERITA
 SHAKE Dishwasher Freshener MENTA PIPERITA
 SHAKE granules for dishwashers MINT

Shake Austria e.U.

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:	No data available	No data available
Evaporation rate:	No data available	No data available
Flammability (solid, gas):	No data available	No data available
Upper / lower flammability or upper / lower explosion limit:	No data available	No data available
Vapour pressure:	No data available	No data available
Vapour density:	No data available	No data available
Relative density:	No data available	No data available
Solubility(ies):	No data available	No data available
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
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..

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

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:					
trans-menthone					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: >2500 mg/kg	No data available	No data available
Dermal:	No data available	No data available	No data available	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available
(E)-anethole					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: >2600 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
L-menthol					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: 3300 mg/kg	No data available	No data available
Dermal:	No data available	rabbit	LD50: > 5 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available
Menthol					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: 318 mg/kg	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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT				

					available
Dermal:	No data available	rabbit	LD50: > 5000 mg/kg	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available
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
Isomenthone					
Route of exposure:	Method	Organism	Dose LD ₅₀ /LC ₅₀ or ATE _{compound}	Time of exposure	Result
Oral:	No data available	rat	LD50: >2500 mg/kg	No data available	No data available
Dermal:	No data available	No data available	No data available	No data available	No data available
Inhalation:	No data available	No data available	No data available	No data available	No data available
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

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT					

Skin corrosion/irritation:	No data available	No data available	Positive	No data available	Product: Skin irritant	
			No data available	No data available	ESCOREN ULTRA 2528: Irritation is negligible at room temperature	
Serious eye damage/irritation:	No data available	No data available	Positive	No data available	Product: Eye irritant	
			No data available	No data available	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:	No data available					
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

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT					

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
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

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

	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					
Acute toxicity	Dose	Exposure time	Organism	Method	Evaluation	Note
Fish	LC50:	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
Algae	ErC50:	72 h	No data available	No data available	No data available	No data available
Other organism-bacteria	EC50:	0,5 h	No data available	No data available	No data available	No data available
12.2.	Persistence and degradability					
	Abiotic degradability					
	Time of half degradation	Method	Evaluation	Note		
Sea water	No data available	No data available	No data available	No data available		
Fresh water	No data available	No data available	No data available	No data available		
Air	No data available	No data available	No data available	No data available		
Soil	No data available	No data available	No data available	No data available		
	Biodegradability					
%	Time (dates)	Method	Evaluation	Note		

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

degradation				
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

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
-------	----	---------------	--------	------

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

	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

Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste must be collected separately and kept on the place-under surveillance-where the unauthorised personal cannot reach it.

13.1.1. Residual waste / contaminated packaging

DO NOT leak into the environment and municipal waste. Recycle if possible.
Legal persons: Keep track of the amount of waste at the warehouse. When handing over the waste, hand it over to the authorized collector with the accompanying documentation (Attachment Sheet).

13.1.2. Waste code packaging:

15 01 02- plastic packaging

13.1.3. Waste treatment methods:

No data available.

13.1.4. Possibility of spilling into sewage:

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

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

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

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

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

SECTION 16: OTHER INFORMATION	
16.1.	Changes mention: -
16.2.	Abbreviation's: ADR- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) ADN- The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADR)CLP- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures CAS – Chemical Abstract Service number CMR- Carcinogenic, mutagenic, repro toxic substances DPD – Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 ... to the classification, packaging and

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

	<p>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</p>
16.3.	<p>Key literature and data's source: Original MSDS: (ARANCIO 63234/5 NEW S/S8 od 12.05.2017,ver.4) and national law regulative</p>

16.4.	Classification and using classification procedures for compounds according to CLP directive	
	CLP Classification	Classification procedure
	<p>Skin. Sens. 1; H317 Aquatic Chronic 3; H412 H412 EUH208</p>	<p>According to original manufacturer's MSDS According to original manufacturer's MSDS</p>

16.5.	Adequately Hazard statements:(number and full text)	
	<p>H: H226 H304 H315 H317 H319 H400 H410 412 EUH208</p>	<p>Flammable liquid and vapour. May be fatal if swallowed and enters airways Causes skin irritation. May cause an allergic skin reaction Causes serious eye irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. Contain ESKOREN ULTRA 2528, trans-menthone, Cineole, Isomenthone, Dipentene. May produce an allergic reaction.</p>

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.

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 MENTA PIPERITA SHAKE Dishwasher Freshener MENTA PIPERITA SHAKE granules for dishwashers MINT

ATTACHMENT:
EXPOSURE SCENARIO IN ACCORDANCE WITH REPORT OF CHEMICAL SAFETY