

safety data sheet

pursuant to Regulation (EC) No 1907/2006

Revised on: 05.12.2024

Washo Mini dishwasher tablets

Material number: 5017

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SECTION 1: Identification of the substance/mixture and of the company/undertaking1.1. Product identifier

Washo Mini dishwasher tablets

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Dishwasher detergent for household dishwashers

1.3. Details of the supplier providing the safety data sheet

Company name:	Washo AG
Street:	Deinikonerstr. 12A
Location:	CH-6340 Baar
Phone:	+ 41 41 511 76 41
E-mail:	info@washo.ch
Internet:	www.washo.ch

<u>1.4. Emergency number:</u>	24-hour emergency number for poisoning: 145
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More information

UFI: S9QF-HC3H-QA26-4EVV

SECTION 2: Hazards identification2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Hazard categories:

Serious eye damage/eye irritation: Eye irritation. 2

Hazard statements:

Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Danger

Pictograms:



hazard warnings

H319	Causes serious eye irritation.
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safety instructions

P337+P313	If eye irritation persists: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue rinsing.
P264	Wash hands thoroughly after use.
P501	Dispose of contents/container to an appropriate recycling or disposal facility. IF
P301+P310	SWALLOWED: Immediately call a POISON CENTER/doctor.
P102	Keep out of the reach of children.
P101	If medical advice is needed, have product container or label at hand.

Special labelling of certain mixtures

EUH208	Contains protease. May cause allergic reactions.
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Note on labeling

Labelling according to Regulation (EC) No 1272/2008 [CLP]

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2.3. Other hazards
No.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization
preparation
Relevant components

CAS No.	substance name			Portion
	EC No.	index number	REACH No.	
	Classification (Regulation (EC) No 1272/2008)			
497-19-8	sodium carbonate			> 30%
	207-838-8	011-005-00-2		
	Eye Irrit. 2; H319			
15630-89-4	sodium carbonate peroxohydrate			5 - 15%
	239-707-6		01-2119457268-30	
	Ox. Liq. 3, Acute Tox. 4, Eye Dam. 1; H272 H302 H318			
68439-49-6	Alcohols, C16-18ethoxylated			1 - < 5 %
	Eye Irrit. 2; H319			
9014-01-1	subtilisin			< 1%
	232-752-2	647-012-00-8		
	Skin irritation. 2, Eye Dam. 1, Resp. Sens. 1, STOT SE 3; H315 H318 H334 H335			

Full text of H- and EUH-phrases: see section 16.

Specific concentration limits, M-factors and ATE

CAS No.	EC No.	substance name	Portion
		Specific concentration limits, M-factors and ATE	
497-19-8	207-838-8	sodium carbonate	> 30%
		oral: LD50 = 4090 mg/kg	
15630-89-4	239-707-6	sodium carbonate peroxohydrate	5 - 15%
		oral: LD50 = 2400 mg/kg	

More information

Labelling of ingredients according to Regulation EC No 648/2004:
5-15%: Oxygen-based bleach.
Less than 5%: polycarboxylates, non-ionic surfactants, phosphonates, enzymes, fragrances.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately. After
skin contact

In case of contact with skin, wash immediately with plenty of soap and water.

After eye contact

Immediately rinse with running water for 10 to 15 minutes while holding the eyelid
open. After ingestion

Immediately rinse mouth and drink plenty of water. DO NOT induce vomiting. Get medical attention immediately.

4.2. Most important acute and delayed symptoms and effects

skin and eye irritation

4.3. Indication of any immediate medical attention or special treatment needed

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SECTION 5: Firefighting measures5.1. Extinguishing agents

Suitable extinguishing agents

Water. Foam. Dry extinguishing agent. Extinguishing powder. Carbon dioxide (CO₂). Coordinate extinguishing measures to the surrounding area.5.2. Special hazards arising from the substance or mixture

No.

5.3. Instructions for firefighters

No.

Additional information

The product itself does not burn.

SECTION 6: Accidental release measures6.1 Personal precautions, protective equipment and emergency procedures

General information

Avoid contact with eyes and skin. Avoid inhalation of product dust.

6.2. Environmental protection measures

Product must not enter water bodies without pretreatment

6.3. Methods and materials for containment and cleaning

More information

Wipe up with absorbent material (e.g. cloth, fleece). Treat the collected material as per the disposal section. Rinse with water.

6.4. Reference to other sections

No.

SECTION 7: Handling and storage7.1. Precautions for safe handling

Instructions for safe handling

No special measures required if used correctly. Keep out of the reach of children. Avoid contact with eyes and skin.

Information on fire and explosion protection

If used properly, no special measures are required. Information on general

hygiene measures in the workplace

The usual precautions when handling chemicals should be observed. Avoid contact with eyes and skin. Do not eat, drink, smoke or sniff at the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Keep container tightly closed. Store only in the original container. Store in a cool, dry place.

Storage class according to TRGS 510: 13 (non-combustible solids that cannot be assigned to any of the aforementioned LGKs)

7.3. Specific end uses

No information is available.

SECTION 8: Exposure controls/personal protection8.1. Parameters to be monitored

Additional information on limit values

When used as intended, no exceedances of MAK values are to be expected.

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8.2. Limitation and monitoring of exposure



Individual protective measures, such as personal protective equipment

eye/face protection

Tightly fitting safety goggles. hand

protection

Tested protective gloves must be worn:

Butyl rubber. Minimum layer thickness: 0.5mm, minimum breakthrough time: 8h;

body armor

Normally not required. respiratory

protection

Avoid dust generation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

state of aggregation:	mini-tabs
Color:	white
Odor:	pleasant
Melting point/freezing point:	-
Boiling point or initial boiling point and boiling range:	-
Lower explosion limit:	-
Upper explosion limit:	-
Flash point:	Non-flammable.
Ignition temperature:	-
Decomposition temperature:	-
pH value (at 20 °C):	1% in water 9.5 - 11.5
Kinematic viscosity:	-
Water solubility:	-
vapor pressure:	-
vapor pressure:	-
Density (at 20 °C):	-
Relative vapor density:	-

9.2. Other information

information on physical hazard classes Re-	
combustibility:	No data available
autoignition temperature	
Solid:	-
Gas:	-
Other safety-related parameters Evaporation	
rate: Sublimation temperature:	-
	-
Softening point:	-
Dynamic viscosity (at 20 °C): Flow	-
time:	-

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More information
Tablet weight: 5g

SECTION 10: Stability and reactivity

- 10.1. Reactivity
Stable under normal conditions
- 10.2. Chemical stability
Stable under normal conditions
- 10.3. Possibility of hazardous reactions
No.
- 10.4. Conditions to avoid
Keep away from heat.
- 10.5. Incompatible materials
Aluminum. Zinc .
- 10.6. Hazardous decomposition products
Product reacts with acids.

SECTION 11: Toxicological information

- 11.1. Information on hazard classes within the meaning of Regulation (EC) No 1272/2008
Acute toxicity
- According to our experience and the information available to us, the product does not cause any harmful effects when handled properly and used as intended.
- ATEmix calculates
ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapor) > 20 mg/l; ATE (inhalative dust/mist) > 5 mg/l

CAS No.	Designation				
	route of exposure	dose	species	source	method
497-19-8	sodium carbonate				
	orally	LD50 4090 mg/kg	rat	IUCLID	
15630-89-4	sodium carbonate peroxohydrate				
	orally	LD50 2400 mg/kg	rat		

irritant and corrosive effects
Causes serious eye irritation.

Sensitizing effects
Contains protease. May cause allergic reactions. Other

information on examinations
After skin contact: Irritation and redness may occur.

SECTION 12: Ecological information

- 12.1. Toxicity
If low concentrations are properly introduced into adapted biological sewage treatment plants, disturbances in the degradation activity of activated sludge are not to be expected.

CAS No.	Designation				
	Aquatic toxicity	dose	[h] [d] species	source	method

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CAS No.	Designation					
	Aquatic toxicity	dose	[h] [d]	species	source	method
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50 300 mg/l	96 h	Lepomis macrochirus		
	Acute crustacea toxicity	EC50 265 mg/l	48 hours	Daphnia magna	IUCLID	
15630-89-4	sodium carbonate peroxohydrate					
	Acute fish toxicity	LC50 70.7 mg/l	96 hours			

12.2. Persistence and degradability

The surfactants meet the biodegradability requirements as laid down in Regulation (EC) No 648/2004 for detergents.

12.3. Bioaccumulative potential

If low concentrations are properly introduced into adapted biological sewage treatment plants, disturbances in the degradation activity of activated sludge are not to be expected.

12.4. Mobility in soil

not determined

12.5. Results of the PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII. The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

This product does not contain any substance that exhibits endocrine disrupting properties towards non-target organisms as no ingredient meets the criteria.
This product does not contain any substance that has endocrine disrupting properties in humans as no ingredient meets the criteria.

12.7. Other adverse effects

No.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

recommendations for disposal
Dispose of in accordance with official regulations. Can be disposed of in waste incineration plants in compliance with local official regulations.
Disposal of uncleaned packaging and recommended cleaning agents
Completely emptied packaging can be recycled.

SECTION 14: Transport information

land transport (ADR/RID)

14.1. UN number or ID number: -
14.2. UN proper shipping name: Not a dangerous good within the meaning of these transport regulations.
14.3. Transport hazard classes: -
14.4. Packing group: -

inland waterway transport (ADN)

14.1. UN number or ID number: -
14.2. UN proper shipping name: Not a dangerous good within the meaning of these transport regulations.
14.3. Transport hazard classes: -

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<u>14.4. Packing group:</u>	-
maritime transport (IMDG)	
<u>14.1. UN number or ID number:</u>	-
<u>14.2. UN proper shipping name:</u>	Not a dangerous good within the meaning of these transport regulations.
<u>14.3. Transport hazard classes:</u>	-
<u>14.4. Packing group:</u>	-
Air transport (ICAO-TI/IATA-DGR)	
<u>14.1. UN number or ID number:</u>	-
<u>14.2. UN proper shipping name:</u>	Not a dangerous good within the meaning of these transport regulations.
<u>14.3. Transport hazard classes:</u>	-
<u>14.4. Packing group:</u>	-
<u>14.5. Environmental hazards</u>	
ENVIRONMENTALLY HAZARDOUS:	No
<u>14.6. Special precautions for the user</u>	-
<u>14.7. Bulk cargo transport by sea according to IMO instruments</u>	-

SECTION 15: Legal provisions

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations	
Restrictions on use (REACH, Annex XVII):	
Entry 3, Entry 75	
National regulations	
Water hazard class:	1 - slightly hazardous to water Mixing rule
Status:	according to VwVwS Annex 4, No. 3

15.2. Chemical Safety Assessment

No chemical safety assessment is required for this substance.

SECTION 16: Other information

Abbreviations and acronyms	
Ox. Liq: Oxidizing liquids Acute	
Tox: Acute toxicity	
Skin Irrit: Skin irritation	
Eye Dam: Serious eye damage Eye	
Irrit: Eye irritation	
Resp. Sens: Sensitization of the respiratory tract	
STOT SE: Specific target organ toxicity (single exposure)	

Text of H- and EUH-phrases (number and full text)

H272	May intensify fire; oxidizing agent.
H302	Harmful if swallowed. Causes skin
H315	irritation.
H318	Causes serious eye damage. Causes
H319	serious eye irritation.

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Text of H- and EUH-phrases (number and full text)

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause
H335 respiratory irritation.
EUH208 Contains protease. May cause allergic reactions.

More information

The information is based on our current state of knowledge, but it does not represent a guarantee of product properties and does not establish a contractual legal relationship.

Identified Uses

No.	short title	LCS	SU	PC	PROC	ERC	AC	TF	specification
1	end consumer Use of detergent and cleaning products	-	-	35	-	8a	-	-	1

LCS: Life cycle stages PC:

SU: Sectors of use PROC:

Product categories

Process categories AC:

ERC: Environmental Release

Article categories

Categories TF: Technical Functions

(The data for the relevant components were taken from the latest safety data sheet of the supplier.)