

SAFETY DATA SHEET**Brush shampoo summer / Harjashampoo kesä**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued 08.06.2021

1.1. Product identifier

Product name	Brush shampoo summer / Harjashampoo kesä
Article no.	2011051
Product definition	Brush shampoo summer
Information on the packaging	Type of packaging: Jug Size of packaging: 20 L Material of packaging: Plastic: HDPE Type of packaging: IBC (intermediate bulk container) Size of packaging: 1000 L Material of packaging: Plastic: HDPE Type of packaging: Bag / sack Size of packaging: 10 L Material of packaging: Plastic: LDPE Type of packaging: Drum Size of packaging: 200 L Material of packaging: Plastic: HDPE

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

Function	Description: Car wash
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1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name	Tammermatic Oy
Postal address	Tesoman Valtatie 28
Postcode	33300
City	TAMPERE
Telephone number	401993550
Email	jukka.tervakoski@tammermatic.fi

Website www.tammermatic.com

1.4. Emergency telephone number

Emergency telephone Telephone number: Phone: 09-4711 , 09-471977 (direct)
Description: Kuvaus: Myrkytystietokeskus, Tukholmankatu 17, PL 790, 00029
HUS (Helsinki),
(24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] Skin Irrit. 2; H315
Eye Dam. 1; H318

2.2. Label elements

Hazard pictograms (CLP)



Signal word

Warning

Hazard statements

H315 Causes skin irritation. H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection/face protection. P303+P361+P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice / attention.

2.3. Other hazards

Other hazards Ei tunnettuja.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Substance	Identification	Classification	Contents	Notes
Glutamiinihappo, N, N-dietikkahappo, tetranatriumsuola, 47%:n vesiliuos	REACH Reg. No.: 01-2119493601-38-0000	Met. Corr. 1; H290	1 – 2 %	
D-Glucopyranose, oligomeric, heptyl glycoside	CAS No.: 1627851-18-6 EC No.: 807-654-3 REACH Reg. No.: 01-2120088889-28-XXXX	Eye Dam. 1	1 – 2 %	
Oxirane, 2-methyl – , polymer wi th oxirane, mono(2–	CAS No.: 166736-08-9	Eye Dam. 1; H318 Acute Tox. 1; H302	1 – 2 %	

propylheptyl) ether fatty alcohol ethoxylated	CAS No.: 69011-36-5	Eye Dam. 1; H318 Acute Tox. 4; H302	0,1 – 1 %
Natriummetasilikaatti 5-hydraatti	CAS No.: 10213-79-3 REACH Reg. No.: 01-2119449811-37-0004	Met. Corr. 1; H290 Skin Corr. 1B; H314 Eye Dam. 1; H314 STOT SE 3; H335	2 – 3 %
MMB (3-Methoxy-3-Methyl-1-Butanol)	CAS No.: 56539-66-3 EC No.: 260-252-4 REACH Reg. No.: 01-2119976333-33-0000	Eye Irrit. 2; H319	2 – 2,5 %

SECTION 4: First aid measures

4.1. Description of first aid measures

General	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Fight fire with normal precautions from a reasonable distance.
Improper extinguishing media	Not know

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Not known.
Hazardous combustion products	Not known.

5.3. Advice for firefighters

Personal protective equipment	In case of inadequate ventilation wear respiratory protection.
Fire fighting procedures	Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Collect spillage. Avoid release to the environment.
Personal protection measures	In case of inadequate ventilation wear respiratory protection.
For emergency responders	In case of inadequate ventilation wear respiratory protection.

6.2. Environmental precautions

Environmental precautionary measures	Collect spillage. Avoid release to the environment.
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6.3. Methods and material for containment and cleaning up

Containment	Collect spillage. Absorb spillage to prevent material damage. Avoid release to the environment.
Clean up	Collect spillage. Absorb spillage to prevent material damage. Avoid release to the environment.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Store in the original package
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep only in original container. Keep container tightly closed.
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7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Glutamiinihappo, N, N-dietikkahappo, tetranatriumsuola, 47%:n vesiliuos			
D-Glucopyranose, oligomeric, heptyl glycoside	CAS No.: 1627851-18-6		
Oxirane, 2-methyl – , polymer with oxirane, mono(2– propylheptyl) ether	CAS No.: 166736-08-9		
fatty alcohol ethoxylated	CAS No.: 69011-36-5		
Natriummetasilikaatti 5-hydraatti	CAS No.: 10213-79-3	Limit value type: OEL Limit value (8 h) : 10 mg/ m ³	
MMB (3-Methoxy-3-Methyl-1-Butanol)	CAS No.: 56539-66-3		

8.2. Exposure controls

Safety signs



Respiratory protection

Respiratory protection necessary at

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Yellowish.
Odour	Mild.
Odour limit	Reason for waiving data: No data.
pH	Status: In delivery state Value: 12 -14
Melting point / melting range	Reason for waiving data: No data.
Freezing point	Reason for waiving data: No data.
Boiling point / boiling range	Value: 100 °C
Flash point	Reason for waiving data: No data.
Evaporation rate	Reason for waiving data: No data.
Lower explosion limit with unit of measurement	Reason for waiving data: No data.
Upper explosion limit with units of measurement	Reason for waiving data: No data.
Explosion limit	Reason for waiving data: No data.
Vapour pressure	Reason for waiving data: No data.
Vapour density	Reason for waiving data: No data.
Relative density	Reason for waiving data: No data.
Density	Reason for waiving data: No data.
Bulk density	Reason for waiving data: No data.
Solubility	Medium: Water
Partition coefficient: n-octanol/ water	Reason for waiving data: No data.
Auto-ignition temperature	Reason for waiving data: No data.
Decomposition temperature	Reason for waiving data: No data.
Viscosity	Reason for waiving data: No data.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

Materials to avoid

Take any precaution to avoid mixing with combustibles / vahvat hapot

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Effect tested: LD₅₀

Route of exposure: Intravenous.

Value: 1580 mg/kg

Species: Rabbit

Comments: Natriummetasilikaatti 5-hydraatti

Effect tested: LD₅₀

Route of exposure: Oral

Method: OECD test instructions 401

Value: 4400 mg/kg

Species: Rat

Comments: 3-Metoksi-3-metyylibutaani-1-oli

Effect tested: LD₅₀

Route of exposure: Dermal

Value: > 2000 mg/kg

Species: Rat

Comments: 3-Metoksi-3-metyylibutaani-1-oli

Other information regarding health hazards

Assessment of acute toxicity, classification

Harmful in contact with skin.

Assessment of eye damage or irritation, classification

Causes serious eye irritation.

Skin contact

May cause an allergic skin reaction.

Eye contact

Causes serious eye irritation.

11.2 Other information

SECTION 12: Ecological information

- 12.1. Toxicity
- 12.2. Persistence and degradability
- 12.3. Bioaccumulative potential
- 12.4. Mobility in soil
- 12.5. Results of PBT and vPvB assessment
- 12.6. Endocrine disrupting properties
- 12.7. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Dispose of contents/container to according to the instructions of the local authorities
Appropriate methods of disposal for the contaminated packaging	Dispose of contents/container to according to the instructions of the local authorities

SECTION 14: Transport information

Dangerous goods	No
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- 14.1. UN number
- 14.2. UN proper shipping name
- 14.3. Transport hazard class(es)
- 14.4. Packing group
- 14.5. Environmental hazards
- 14.6. Special precautions for user
- 14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture
- 15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Version

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