

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

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 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 01.11.2022

**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: Vehicle detergent
Professional use	Yes

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name	Tammermatic Oy
Postal address	Vaaksakuja 1
Postcode	33960
City	Pirkkala
Country	Suomi

Telephone number	020 1373 400
Email	service@tammermatic.com
Website	www.tammermatic.com

## 1.4. Emergency telephone number

Emergency telephone	Telephone number: Puhelin: 09-4711 (vaihde), 09-471977 (suora) Description: Kuvaus: Myrkytystietokeskus, Tukholmankatu 17, PL 790, 00029 HUS (Helsinki), (24 h)
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## 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
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### 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	Not known.
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## 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.:	Eye Dam. 1	1 - -2 %	

	01-2120088889-28-XXXX		
Oxirane, 2-methyl - , polymer with oxirane, mono(2-propylheptyl) ether fatty alcohol ethoxylated	CAS No.: 166736-08-9	Eye Dam. 1; H318 Acute Tox. 1; H302	1 - -2 %
	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 known

### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Not known
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### 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 wi th oxirane, mono(2- propylheptyl) ether	CAS No.: 166736-08-9		
fatty alcohol ethoxylated Natriummetasilikaatti 5-hydraatti	CAS No.: 69011-36-5 CAS No.: 10213-79-3	Limit value type: OEL Limit value (8 h) : 10 mg/ m <sup>3</sup>	
MMB	CAS No.: 56539-66-3		

(3-Methoxy-3-Methyl-1-Butanol)

## 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.
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## 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 / strong acids
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#### 10.6. Hazardous decomposition products

### SECTION 11: Toxicological information

#### 11.1. Oplysninger om fareklasser som defineret i forordning (EF) nr. 1272/2008

Acute toxicity	Effect tested: LD <sub>50</sub>
	Route of exposure: Intravenous.
	Value: 1580 mg/kg
	Species: Kani
	Comments: Natriummetasilikaatti 5-hydraatti
	Effect tested: LD <sub>50</sub>
	Route of exposure: Oral
	Method: OECD:n testiohje 401
	Value: 4400 mg/kg
Species: Rotta	
Comments: 3-Metoksi-3-metylibutaani-1-oli	
Effect tested: LD <sub>50</sub>	
Route of exposure: Dermal	
Value: > 2000 mg/kg	
Species: Rotta	
Comments: 3-Metoksi-3-metylibutaani-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 paikallisten viranomaisten ohjeiden mukaisesti
Appropriate methods of disposal for the contaminated packaging	Dispose of contents/container to paikallisten viranomaisten ohjeiden mukaisesti

### 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.
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Expired date	31.12.2023
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