

SAFETY DATA SHEET**Talviesipesuaine / Prewash detergent, winter**

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 10.06.2021

1.1. Product identifier

Product name	Talviesipesuaine / Prewash detergent, winter
Article no.	2011050
Product definition	Prewash detergent, winter
Information on the packaging	Type of packaging: Jug Size of packaging: 20 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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Eye Dam. 1; H318

2.2. Label elements

Hazard pictograms (CLP)



Signal word

Warning

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves / protective clothing / eye protection / face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor / physician.

2.3. Other hazards

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Substance	Identification	Classification	Contents	Notes
Oxirane, 2-methyl – , polymer with oxirane, mono(2-propylheptyl) ether	CAS No.: 166736-08-9	Eye Dam. 1; H318 Acute Tox. 1; H302	< 25 %	
Diethylene glycol monobutyl ether	CAS No.: 112-34-5 EC No.: 203-961-6 Index No.: 603-096-00-8	Eye Irrit. 2; H319	< 20 %	
heptyl D-glucoside	EC No.: 309-364-8	Eye Dam. 1; H318	< 15 %	
Poly(oxy-1,2-ethanediyl), alpha-(2-propylheptyl) -omega-hydroxy-	CAS No.: 160875-66-1	Eye Irrit. 2; H319	< 15 %	
C-9-11 Alkoholethoxylat	CAS No.: 68439-46-3	Eye Irrit. 2; H319	< 15 %	
Glutamiinihappo, N, N-dietikkahappo, tetranatriumsuola, 47%:n vesiliuos	REACH Reg. No.: 01-2119493601-38-0000	Met. Corr. 1; H290	2 – 3 %	
Caustic potash	CAS No.: 1310-58-3 EC No.: 215-181-3 Index No.: 019-002-00-8	Acute Tox. 4; H302 Skin Corr. 1A; H314	< 1 %	

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. Get medical advice/attention if you feel unwell.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.
Skin contact	IF ON SKIN: Wash with plenty of soap and water.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

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	Use CO ₂ , dry chemical extinguisher or water shower for extinction.
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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.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Collect spillage. Absorb spillage to prevent material damage.
Personal protection measures	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

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. Keep cool.

7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Oxirane, 2-methyl – , polymer with oxirane, mono(2-propylheptyl) ether	CAS No.: 166736-08-9		
Diethylene glycol monobutyl ether	CAS No.: 112-34-5	Limit value (8 h) : 10 ppm Limit value (8 h) : 67,5 mg/ m ³ Limit value (short term) Value: 15 ppm Limit value (short term) Value: 101,2 mg/m ³	
heptyl D-glucoside			
Poly(oxy-1,2-ethanediyl), alpha-(2-propylheptyl) -omega-hydroxy-	CAS No.: 160875-66-1		
C-9-11 Alkoholethoxylat	CAS No.: 68439-46-3		
Glutamiinihappo, N, N-dietikkahappo, tetranatriumsuola, 47%:n vesiliuos			
Caustic potash	CAS No.: 1310-58-3	Limit value (short term) Value: 2 mg/m ³ Peak limitation value Peak limitation value: 2 mg/ m ³	

8.2. Exposure controls

Safety signs



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Yellow.
Odour	Mild.
pH	Value: 6,5

Melting point / melting range	Reason for waiving data: No data.
Freezing point	Reason for waiving data: No data.
Flash point	Reason for waiving data: No data.
Density	Value: 1,000 g/cm ³ Temperature: 20 °C
Decomposition temperature	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

10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon monoxide (CO). Carbon dioxide (CO ₂).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Effect tested: LD50 Route of exposure: Oral Value: 5660 mg/kg Species: Rat Comments: 2-(2-Butoksietoksi)etanoli
	Effect tested: LD50 Route of exposure: Dermal Value: 4000 mg/kg Species: Rabbit Comments: 2-(2-Butoksietoksi)etanoli

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity, fish	Value: 2000 mg/l Effect dose concentration: LC50 Test duration: 96 hour(s)
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Aquatic toxicity, algae	Comments: 2-(2-butoksietoksi)etanoli Value: 1101 mg/l Test duration: 72 hour(s) Comments: 2-(2-butoksietoksi)etanoli
Aquatic toxicity, crustacean	Value: 2850 mg/l Test duration: 24 hour(s) Species: Water flea Comments: 2-(2-butoksietoksi)etanoli

12.2. Persistence and degradability**12.3. Bioaccumulative potential****12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment	Not known
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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

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. H318 Causes serious eye damage. H319 Causes serious eye irritation.
Version	1
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