

SAFETY DATA SHEET

Swanline WASH

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 02.11.2022

1.1. Product identifier

Product name	Swanline WASH
Article no.	2011004
Product definition	Prewash detergent, 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: Phone: 09-4711 , 09-471977 (direct) 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]	Met. Corr. 1; H290 Eye Dam. 1; H318,H314 Acute Tox. 4; H302 Skin Irrit. 2; H319 Acute Tox. 1; H302 Skin Corr. 1B; H314 STOT SE 3; H335
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2.2. Label elements

Hazard pictograms (CLP)



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

PBT / vPvB	This product does not contain PBT or vPvB substances.
Other hazards	Not known.

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	< 4 %	
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	< 3 %	
Oxirane, 2-methyl -, polymer wi th oxirane, mono(2- propylheptyl) ether	CAS No.: 166736-08-9	Eye Dam. 1; H318 Acute Tox. 1; H302	< 2 %	
fatty alcohol ethoxylated	CAS No.: 69011-36-5	Eye Dam. 1; H318 Acute Tox. 4; H302	< 2 %	
Diethylene glycol monobutyl ether	CAS No.: 112-34-5 EC No.: 203-961-6 Index No.: 603-096-00-8	Eye Irrit. 2; H319	< 5 %	
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	< 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.
Recommended personal protective equipment for first aid responders	In case of inadequate ventilation wear respiratory protection.

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.
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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.
For emergency responders	In case of inadequate ventilation wear respiratory protection.

6.2. Environmental precautions

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

Containment	Collect spillage.
Clean up	Absorb spillage to prevent material damage.

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 fatty alcohol ethoxylated	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
Natriummetasilikaatti 5-hydraatti	CAS No.: 10213-79-3	Limit value type: OEL Limit value (8 h) : 10 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 intensity	Translucent.
Odour	Mild.
pH	Status: In delivery state Value: 12,9 - 13,9
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.
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
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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 / vahvat hapot
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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: LD50 Route of exposure: Oral Value: 6560 mg/kg Species: Rat Comments: 2-(2-Butoksietoksi)etanoli
	Effect tested: LD50 Route of exposure: Dermal Value: 4120 mg/kg Species: Rabbit Comments: 2-(2-Butoksietoksi)etanoli
	Effect tested: LDlo Route of exposure: Intravenous. Value: 1580 mg/kg Species: Rabbit Comments: Natriummetasilikaatti 5-hydraatti

Other information regarding health hazards

Assessment of acute toxicity, classification	Harmful in contact with skin.
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

Avoid release to the environment. Collect spillage. Absorb spillage to prevent material damage. Confirm disposal procedures with environmental engineer and local regulations.

Appropriate methods of disposal for the contaminated packaging

Confirm disposal procedures with environmental engineer and local regulations.

SECTION 14: Transport information

Dangerous goods

No

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. H335 May cause respiratory irritation.
Version	2
Expired date	31.12.2023