

SAFETY DATA SHEET**Swanline X**

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
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1.1. Product identifier

Product name	Swanline X
Article no.	2011045
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: 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: 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]	Eye Dam. 1; H318
	Acute Tox. 1; H302
	Acute Tox. 4; H302
	Met. Corr. 1; H290
	Skin Corr. 1A; H314
	Eye Irrit. 2; H319

2.2. Label elements

Hazard pictograms (CLP)



Signal word	Warning
Hazard statements	H318 Causes serious eye damage. H302 Harmful if swallowed. H318 Causes serious eye damage. H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H319 Causes serious eye 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
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	< 4,5 %	
Oxirane, 2-methyl -, polymer with oxirane, mono(2-propylheptyl) ether	CAS No.: 166736-08-9	Eye Dam. 1; H318 Acute Tox. 1; H302	< 3 %	
fatty alcohol ethoxylated	CAS No.: 69011-36-5	Eye Dam. 1; H318 Acute Tox. 4; H302	< 3 %	
Glutamiinihappo, N, N-dietikkahappo, tetranatriumsuola, 47%:n vesiliuos	REACH Reg. No.: 01-2119493601-38-0000	Met. Corr. 1; H290	< 3,5 %	
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 %	
Diethylene glycol monobutyl ether	CAS No.: 112-34-5 EC No.: 203-961-6 Index No.: 603-096-00-8	Eye Irrit. 2; H319	< 7 %	

SECTION 4: First aid measures

4.1. Description of first aid measures

General	IF exposed: Call a POISON CENTER or doctor/physician.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
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: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

General symptoms and effects	If skin irritation or rash occurs: Get medical advice/attention.
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4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Fight fire with normal precautions from a reasonable distance. Eliminate all ignition sources if safe to do so.
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Heating may cause a fire.
Hazardous combustion products	Carbon dioxide (CO ₂). Carbon monoxide (CO). Nitrous gases (NO _x).

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	Evacuate area. Eliminate all ignition sources if safe to do so.
Personal protection measures	Do not breathe dust / fume / gas / mist / vapours / spray.
Emergency procedures	Evacuate area.
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.
Clean up	Collect spillage. Absorb spillage to prevent material damage.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Harmful in contact with skin.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep only in original container.
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Conditions for safe storage

Advice on storage compatibility	Store away from other materials.
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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
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Oxirane, 2-methyl - , polymer
with oxirane, mono(2-
propylheptyl) ether

CAS No.: 166736-08-9

fatty alcohol ethoxylated

CAS No.: 69011-36-5

Glutamiinihappo, N,
N-dietikkahappo,
tetranatriumsuola, 47%:n
vesiliuos

Caustic potash

CAS No.: 1310-58-3

Limit value (short term)

Value: 2 mg/m³

Peak limitation value

Peak limitation value: 2 mg/
m³

Diethylene glycol monobutyl
ether

CAS No.: 112-34-5

Limit value (8 h) : 10 ppm

Limit value (8 h) : 67,5 mg/
m³

Limit value (short term)

Value: 15 ppm

Limit value (short term)

Value: 101,2 mg/m³

8.2. Exposure controls

Safety signs



Skin protection

Recommended protective clothing

Description: If there is a risk of splashing, use an apron or special work clothes.

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

Physical state

Liquid.

Colour

Brownish.

pH

Status: In delivery state
Value: 11 -13

Density

Value: > 1 g/cm³

Solubility

Medium: Water
Comments: Vesiluikoinen

9.2. Other information

Softening point

Reason for waiving data: No data.

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

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: 333 mg/kg Species: Rat
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Other information regarding health hazards

Assessment of skin corrosion / irritation, classification	Causes severe skin burns and eye damage.
Assessment of skin sensitisation, classification	May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity, fish	Toxicity type: Acute Value: 80 mg/l Test duration: 97 hour(s)
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12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility	The product mixes with water. May spread in aquatic environment.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
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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	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
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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
CSR required	No

SECTION 16: Other information

Supplier's notes	The information in this safety data sheet is based on the information that is were available to us as of the date of preparation and they have been given on the condition that, that the product is used under normal conditions and in the appropriate packaging or according to the usage methods defined in the relevant technical literature. Other use of the product, possibly together with other products or processes, takes place at the user's own risk.
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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.
CLP classification, notes	Calculation method according to Annex I of CLP 1272/2008. The information given is based on information about the ingredients.
Version	2
Expired date	31.12.2023