

SAFETY DATA SHEET**Swanline ACID**

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 09.06.2021

1.1. Product identifier

Product name	Swanline ACID
Article no.	2011005
Product definition	Detergent
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 and hall detergent

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)
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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	P101 If medical advice is needed, have product container or label at hand. P280 Wear protective gloves / protective clothing / 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

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Substance	Identification	Classification	Contents	Notes
Orthophosphoric acid ...%	CAS No.: 7664-38-2 EC No.: 231-633-2 Index No.: 015-011-00-6	Skin Corr. 1B; H314 CLP classification, notes: B	< 20 %	
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	< 2 %	
Oxirane, 2-methyl – , polymer with 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	CAS No.: 112-34-5	Eye Irrit. 2; H319	< 5 %	

monobutyl ether

EC No.: 203-961-6

Index No.: 603-096-00-8

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. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Recommended personal protective equipment for first aid responders	Wear protective gloves / protective clothing / eye protection / face protection. In case of inadequate ventilation wear respiratory protection.

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

General symptoms and effects	IF exposed or concerned: 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 concerned: Get medical advice/attention.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Fight fire with normal precautions from a reasonable distance.
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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	Evacuate area. Eliminate all ignition sources if safe to do so. Absorb spillage to prevent material damage. Collect spillage.
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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.
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6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

Storage	Keep only in original container.
Conditions to avoid	Store away from other materials.

7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Orthophosphoric acid ...%	CAS No.: 7664-38-2	Limit value (8 h) : 1 mg/m ³ Limit value (short term) Value: 2 mg/m ³	
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		
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	

8.2. Exposure controls

Safety signs



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Clear
Odour	Mild.
pH	Status: In delivery state Value: 1 -2
Melting point / melting range	Reason for waiving data: No data.
Boiling point / boiling range	Value: 100 °C
Flash point	Reason for waiving data: No data.
Vapour pressure	Reason for waiving data: No data.
Solubility	Medium: Water

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Effect tested: LD50
	Route of exposure: Oral
	Value: 1530 mg/kg
	Species: Rat
	Comments: Phosphoric acid
	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	

Comments: 2-(2-Butoksietoksi)etanoli

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

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)	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.
Version	1
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