

**SAFETY DATA SHEET****Swanline ACID**

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	Swanline ACID
Article no.	2011005
Product definition	Vehicle and hall 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: Vehicle and hall 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](http://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)

## 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

### 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)	CAS No.: 166736-08-9	Eye Dam. 1; H318 Acute Tox. 1; H302	< 2 %	

ether			
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 %

## 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	Store in the original package Harmful in contact with skin.
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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 <sup>3</sup> <b>Limit value (short term)</b> Value: 2 mg/m <sup>3</sup>	
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 <sup>3</sup> <b>Limit value (short term)</b> Value: 15 ppm <b>Limit value (short term)</b> Value: 101,2 mg/m <sup>3</sup>	

## 8.2. Exposure controls

**Safety signs****SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Form	Liquid
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. Oplysninger om fareklasser som defineret i forordning (EF) nr. 1272/2008**

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	2
Expired date	31.12.2023