

SAFETY DATA SHEET**Swanline WAX**

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	01.09.2022
Revision date	17.11.2022

1.1. Product identifier

Product name	Swanline WAX
UFI	VQM8-P040-H00K-C4NP
Article no.	2011013
Product definition	Drying wax

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]	Eye Irrit. 2; H319
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2.2. Label elements

Hazard pictograms (CLP)



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	P264 Wash hand thoroughly after handling. 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. P337+P313 If eye irritation persists: Get medical advice / attention.

2.3. Other hazards

PBT / vPvB	No data recorded.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Substance	Identification	Classification	Contents	Notes
Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	CAS No.: 1335202-95-3 REACH Reg. No.: 01-2119472309-33	Skin Irrit. 2; H315 Eye Irrit. 2; H319	10 - 20 %	
Phenol, ethoxylated	CAS No.: 9004-78-8	Eye Irrit. 2; H318	1 - 5 %	
2-Butoxyethanol	CAS No.: 111-76-2 EC No.: 203-905-0 Index No.: 603-014-00-0	Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	1 - 5 %	
Propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 Index No.: 603-117-00-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	1 - 5 %	
Remarks, substance	cationic surfactants > 5 - < 15%, nonionic surfactants < 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. IF exposed or if you feel unwell: 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	No data recorded.
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4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment	If skin irritation or rash occurs: 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.
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.
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

Personal protection measures	Wear protective gloves / protective clothing / eye protection / face protection.
Emergency procedures	Evacuate area. Stop leak if safe to do so.
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. Protect from freezing and direct sunlight. Store in tightly closed original container in a dry, cool and well-ventilated place.
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Conditions for safe storage

Advice on storage compatability	Store away from other materials.
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7.3. Specific end use(s)

Specific use(s)	No data recorded.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	CAS No.: 1335202-95-3		
Phenol, ethoxylated	CAS No.: 9004-78-8		
2-Butoxyethanol	CAS No.: 111-76-2	Limit value (8 h) : 25 ppm Limit value (8 h) : 123 mg/m ³ Limit value (short term) Value: 50 ppm Limit value (short term) Value: 246 mg/m ³ Exposure limit letter Letter code: Sk; BEI	
Propan-2-ol	CAS No.: 67-63-0	Limit value (8 h) : 400 ppm Limit value (8 h) : 999 mg/m ³ Limit value (short term) Value: 500 ppm Limit value (short term) Value: 1250 mg/m ³	

8.2. Exposure controls

Safety signs



Eye / face protection

Required Properties	Wear approved, tight fitting safety glasses where splashing is probable.
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Hand protection

Skin- / hand protection, short term contact	Use suitable protective gloves if risk of skin contact.
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Skin protection

Suitable protective clothing	Wear apron or protective clothing in case of splashes.
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Respiratory protection

Respiratory protection, general	Not determined.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Red.
Odour	Mild.
pH	Status: In delivery state Value: 3 Temperature: 20 °C
Boiling point / boiling range	Value: 100 °C
Relative density	Value: 0,96 Temperature: 20 °C
Auto-ignition temperature	Reason for waiving data: No data.

9.2. Other information

Physical hazards

Explosives	Assessment: No data recorded.
Flammable aerosols	Assessment: No data recorded.
Oxidising gases	Assessment: No data recorded.
Gas under pressure	Assessment: No data recorded.
Flammable liquids	Assessment: No data recorded.
Flammable solids	Assessment: No data recorded.

Self-reactive substances and mixtures	Assessment: No data recorded.
Pyrophoric liquids	Assessment: No data recorded.
Pyrophoric solids	Assessment: No data recorded.
Self-heating substances and mixtures	Assessment: No data recorded.
Substances which in contact with water emit flammable gases	Assessment: No data recorded.
Oxidising liquids	Assessment: No data recorded.
Oxidising solids	Assessment: No data recorded.
Organic peroxides	Assessment: No data recorded.
Corrosive to metals	Assessment: No data recorded.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No data recorded.
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10.2. Chemical stability

Stability	Not known.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid	No data recorded.
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10.5. Incompatible materials

Materials to avoid	No data recorded.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No information.
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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	Effect tested: LD50 Route of exposure: Oral Value: 5045 mg/kg Species: Rat Comments: 2-propanol
	Effect tested: LD10 Route of exposure: Unreported Value: 2770 mg/kg

Species: People
 Comments: 2-propanol

Effect tested: Lclo
 Route of exposure: Inhalation.
 Duration: 3 hour(s)
 Value: 12800 ppm
 Species: Mouse
 Comments: 2-propanol

Effect tested: LD50
 Route of exposure: Dermal
 Value: 12,8 g/kg
 Species: Rabbit

Effect tested: LD50
 Route of exposure: Oral
 Value: 470 mg/kg
 Species: Rat
 Comments: 2-butoxyethanol

11.2 Other information

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity, fish

Value: 1.91 mg/l
 Effect dose concentration: LC50
 Test duration: 96 hour(s)
 Species: Oncorhynchus mykiss
 Comments: 1335202-95-3 Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfatequaternized

Value: > 100 mg/l
 Effect dose concentration: LC50
 Test duration: 96 hour(s)
 Species: Oncorhynchus mykiss
 Comments: 9004-78-8 phenol, ethoxylated

Value: 9,640 mg/l
 Test duration: 96 hour(s)
 Species: Pimephales promelas
 Comments: 67-63-0 propan-2-oli

Value: > 100 mg/l
 Effect dose concentration: LC50
 Test duration: 48 hour(s)
 Species: Leuciscus idus
 Comments: 67-63-0 propan-2-oli

Aquatic toxicity, crustacean

Value: > 1 < 10 mg/l
 Effect dose concentration: EC50
 Species: Daphnia magne (water flea)
 Comments: 1335202-95-3 Fatty acids, C18 unsatd., reaction products with

	triethanolamine, di-Me sulfatequaternized
	Value: > 100 mg/l Effect dose concentration: EC50 Test duration: 48 hour(s) Species: Daphnia magne (water flea) Comments: 67-63-0 propan-2-oli
Toxicity to bacteria	Value: 2,14 mg/l Effect dose concentration: EC50 Test duration: 96 hour(s) Species: Scenedesmus subspicatus Comments: 1335202-95-3 Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfatequaternized
	Value: > 100 mg/l Effect dose concentration: EC50 Test duration: 72 hour(s) Species: Scenedesmus subspicatus Comments: 67-63-0 propan-2-oli

12.2. Persistence and degradability

Persistence and degradability description/evaluation	No data recorded.
Biodegradability	Reason for waiving data: No data.

12.3. Bioaccumulative potential

Bioaccumulation, comments	No data recorded.
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12.4. Mobility in soil

Mobility	No data recorded.
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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

Endocrine disrupting properties	This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
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12.7. Other adverse effects

Additional ecological information	Water hazard class 1 (Own classification): slightly hazardous to water Prevent the substance from entering undiluted or in large quantities into groundwater, waterways, and sewers. The surface-active substance(s) contained in the preparation fulfills the (EC) regulation on detergents No 648/2004 biodegradability criteria. Data that support the previous statement are considered available to and delivered to the competent authorities of the Member States at their request or at the request of the detergent manufacturer.
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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

14.1. UN number

Comments No recommendation given.

14.2. UN proper shipping name

Comments No recommendation given.

14.3. Transport hazard class(es)

Comments No recommendation given.

14.4. Packing group

Comments No recommendation given.

14.5. Environmental hazards

Comments No data recorded.

14.6. Special precautions for user

Special safety precautions for user No data recorded.

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

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)
 H225 Highly flammable liquid and vapour.
 H302 Harmful if swallowed.
 H312 Harmful in contact with skin.

	H315 Causes skin irritation.
	H318 Causes serious eye damage.
	H319 Causes serious eye irritation.
	H332 Harmful if inhaled.
	H336 May cause drowsiness or dizziness.
Version	3
Expired date	31.12.2023