

**SAFETY DATA SHEET****Swanline LUX**

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	15.11.2022

**1.1. Product identifier**

Product name	Swanline LUX
UFI	5MM8-50EM-7002-QT2M
Article no.	2011012
Product definition	Wax
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 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]	Skin 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	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. P264 Wash hädet thoroughly after handling.

### 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	5 < 10 %	
Phenol, ethoxylated	CAS No.: 9004-78-8	Eye Irrit. 2; H318	1 < 5 %	
Propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7	Flam. Liq. 2; H225 Eye Irrit. 2; H319	1 < 5 %	

2-Butoxyethanol	Index No.: 603-117-00-0	STOT SE 3; H336	
	CAS No.: 111-76-2	Acute Tox. 4; H332	1 < 5 %
	EC No.: 203-905-0	Acute Tox. 4; H312	
	Index No.: 603-014-00-0	Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	
Substance comments		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.
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 medical advice/attention.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.
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

General symptoms and effects	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Acute symptoms and effects	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

### 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. Foam, carbon dioxide or dry powder.
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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Fire fighting procedures	Fight fire with normal precautions from a reasonable distance.
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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	Use personal protective equipment as required.
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. 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. 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
Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	CAS No.: 1335202-95-3		
Phenol, ethoxylated	CAS No.: 9004-78-8		
Propan-2-ol	CAS No.: 67-63-0	Limit value (8 h) : 400 ppm Limit value (8 h) : 999 mg/m <sup>3</sup> <b>Limit value (short term)</b> Value: 500 ppm <b>Limit value (short term)</b> Value: 1250 mg/m <sup>3</sup>	
2-Butoxyethanol	CAS No.: 111-76-2	Limit value (8 h) : 25 ppm Limit value (8 h) : 123 mg/m <sup>3</sup>	

m<sup>3</sup>**Limit value (short term)**

Value: 50 ppm

**Limit value (short term)**Value: 246 mg/m<sup>3</sup>**Exposure limit letter**

Letter code: Sk; BEI

## 8.2. Exposure controls

### Safety signs



### 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

Form	Liquid
Colour	Orange.
Odour	Mild.
pH	Value: 2,5
Flash point	Value: > 65 °C
Relative density	Value: 0,96 Temperature: 20 °C
Solubility	Medium: Water
Auto-ignition temperature	Reason for waiving data: No data.

### 9.2. Other information

#### Physical hazards

Explosives	Assessment: No data recorded.
Flammable gases	Assessment: No data recorded.
Flammable solids	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	No recommendation given.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Add acid to water when diluting, never the other way around
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### 10.4. Conditions to avoid

Conditions to avoid	No data recorded.
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### 10.5. Incompatible materials

Materials to avoid	Store away from other materials.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	Not known.
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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: Lc50 Route of exposure: Inhalation. Duration: 3 hour(s) Value: 12800 ppm Species: Mouse

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: fish ( <i>Oncorhynchus mykiss</i> ) Comments: 1335202-95-3 Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfatquaternized
	Value: > 100 mg/l Effect dose concentration: LC50 Test duration: 96 hour(s) Species: fish Comments: 9004-78-8 phenol, ethoxylated
Aquatic toxicity, algae	Value: 2,14 mg/l Test duration: 96 hour(s) Species: <i>Scenedesmus subspicatus</i> Comments: 1335202-95-3 Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfatquaternized
Aquatic toxicity, crustacean	Value: > 1 < 10 mg/l Effect dose concentration: EC50 Species: <i>Daphnia magna</i> Comments: 1335202-95-3 Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfatquaternized

## 12.2. Persistence and degradability

Persistence and degradability description/evaluation	No data recorded.
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## 12.3. Bioaccumulative potential

Bioconcentration factor (BCF)	Comments: No data recorded.
Bioaccumulation, evaluation	No data recorded.

## 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	No data recorded.
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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

## 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

Comments	No recommendation given.
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### 14.2. UN proper shipping name

Comments	No recommendation given.
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### 14.3. Transport hazard class(es)

Comments	No recommendation given.
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### 14.4. Packing group

Comments	No recommendation given.
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### 14.5. Environmental hazards

Comments	No recommendation given.
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### 14.6. Special precautions for user

Special safety precautions for user	No recommendation given.
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### 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

Assessed restrictions	Not determined.
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### 15.2. Chemical safety assessment

Chemical safety assessment performed	No
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## 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