

**Swanline SHINELUX**

Date 20.1.2017

Previous date: 28.4.2015

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product identifier****1.1.1 Commercial Product Name**

Swanline SHINELUX

**1.2 Relevant identified uses of the substance or mixture and uses advised against****1.2.1 Recommended use**

Washing agent for vehicle.

**1.3 Details of the supplier of the safety data sheet****1.3.1 Supplier**

Tammermatic Oy

**Street address**

Tesomanvaltatie 28

**Postcode and post office**

33300 Tampere

**P.O.Box**

PB 206

**Postcode and post office**

33101 Tampere

**Telephone**

+358-20 1373 403

**Telefax**

+358-20 1373 409

**Business ID**

1043549-7

**Email**

service@tammermatic.com

**1.4 Emergency telephone number****1.4.1 Telephone number, name and address**

Poison centrum in Finland +358-9-4711

Local emergency phone 112

## 2. HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture**

Risk of serious damage to eyes.

**1272/2008 (CLP)**

Eye Dam. 1, H318

**2.2 Label elements****1272/2008 (CLP)**

GHS05

Signal word

**Danger****Hazard Statements**

H318 Causes serious eye damage.

**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.

**2.3 Other hazards**

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components****CAS/EC and Reg. number**111-76-2  
01-2119475108-36**Chemical name of the substance**

2-Butoxyethanol

**Concentration Classification**

1-5 %

Acute Tox. 4, Eye Irrit. 2, Skin Irrit. 2; H332 H312 H302 H319 H315

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68515-73-1	Alkyl polyglucoside	1-5 %	Eye Dam. 1; H318
01-2119488530-36	Amfoteric detergent	1-<5 %	Eye Dam. 1; H318

**3.3 Other information**

Product contains small amount (< 0,001 %) isothiazolones as preservative agent.

**4. FIRST AID MEASURES****4.1 Description of first aid measures****4.1.2 Inhalation**

Fresh air, rest.

**4.1.3 Skin contact**

Remove contaminated clothing and rinse the skin with plenty of water.

**4.1.4 Eye contact**

Rinse under running water 10-15 min. Seek medical help immediately.

**4.1.5 Ingestion**

Wash out mouth thoroughly with water and give plenty of water or milk to drink. Seek medical help. Do not induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed****4.3 Indication of immediate medical attention and special treatment needed**

nursing according to symptoms

**5. FIREFIGHTING MEASURES****5.1 Extinguishing media****5.1.1 Suitable extinguishing media**

Product does not ignite. Extinguishing means according to the environment.

**5.1.2 Extinguishing media which must not be used for safety reasons**

not known

**5.2 Special hazards arising from the substance or mixture**

not known

**5.3 Advice for firefighters**

In the case of large fire use full protective clothing and self-contained breathing apparatus with over pressure.

**5.4 Specific methods**

not known

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Use safety goggles and safety gloves (e.g. butyle, nitrile or laminated PE/EVOH). Wear appropriate protective clothing if necessary.

**6.2 Environmental precautions**

Do not allow to enter drinking water supplies, waste water or soil without diluting with plenty of water.

**6.3 Methods and materials for containment and cleaning up**

Absorb on an inert absorbent and transfer carefully to sealed container. Arrange for removal by disposal company. Rinse residues with plenty of water. Use protective equipment mentioned in 6.1.

**6.4 Reference to other sections**

does not exist

**7. HANDLING AND STORAGE**

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- 7.1 Precautions for safe handling**  
Usual hygienic measures are necessary allowing for the risk of serious damage to eyes.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Storing tight sealed in original packages in a dry, warm place.
- 7.3 Specific end use(s)**

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1 Control parameters**
- 8.1.1 Threshold limits**
- |                 |                            |                                |
|-----------------|----------------------------|--------------------------------|
| 2-Butoxyethanol | 20 ppm (8 h)               | 50 ppm (15 min)                |
|                 | 98 mg/m <sup>3</sup> (8 h) | 250 mg/m <sup>3</sup> (15 min) |
- 8.1.2 Other information on limit values**  
not known
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls**  
Good general ventilation should be sufficient.
- 8.2.2 Individual protection measures**
- 8.2.2.1 Respiratory protection**  
Normally not needed
- 8.2.2.2 Hand protection**  
Use safety gloves mentioned in item 6.1. if necessary.
- 8.2.2.3 Eye/face protection**  
Use safety goggles if there is possibilities for splashing.
- 8.2.2.4 Skin protection**  
Use properly protecting clothes to avoid skin contact

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 Important Health Safety and Environmental Information**
- 9.1.1 Appearance**  
White liquid.
- 9.1.2 Odour** mild odour
- 9.1.4 pH** 4
- 9.1.6 Initial boiling point and boiling range** 100 - °C
- 9.1.7 Flash point** does not exist
- 9.1.9 Flammability (solid, gas)** not measured
- 9.1.10 Explosive properties**
- 9.1.10.1 Lower explosion limit** does not exist
- 9.1.10.2 Upper explosion limit** does not exist
- 9.1.11 Vapour pressure** not measured
- 9.1.13 Relative density** 1
- 9.1.14 Solubility(ies)**
- 9.1.14.1 Water solubility** miscible in all proportions
- 9.1.14.2 Fat solubility (solvent - oil to be specified)** not measured
- 9.1.15 Partition coefficient: n-octanol/water** not measured
- 9.1.18 Viscosity** not measured
- 9.1.20 Oxidising properties** does not exist
- 9.2 Other information**  
does not exist

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**10. STABILITY AND REACTIVITY**

- 10.1 Reactivity**
- 10.2 Chemical stability**  
Product is stable at normal temperature.
- 10.3 Possibility of hazardous reactions**
- 10.4 Conditions to avoid**  
not known
- 10.5 Incompatible materials**  
Strong acids.
- 10.6 Hazardous decomposition products**  
not known

**11. TOXICOLOGICAL INFORMATION**

- 11.1 Information on toxicological effects**
- 11.1.1 Acute toxicity**  
2-Butoxyethanol: LD50=470 mg/kg (oral, rat), TCLo=100 ppm (inhl, hm; nose, eyes, CNS), TDLo=600 mg/kg (oral, hm)
- 11.1.2 Irritation and corrosion**  
Product can cause serious damage to eyes and can also irritate the skin. Long termed and/or repeated skin contact can cause irritation dermatitis.
- 11.1.3 Sensitisation**  
Long termed and/or repeated skin contact can cause allergic skinsymptoms for persons allergic to isothiazolones.
- 11.1.4 Subacute, subchronic and prolonged toxicity**  
not known
- 11.1.5 STOT-single exposure**  
Swallowing can irritate alimentary canal and cause nausea and diarrhea.
- 11.1.8 Other information on acute toxicity**  
not known

**12. ECOLOGICAL INFORMATION**

- 12.1 Toxicity**
- 12.1.1 Aquatic toxicity**  
not known
- 12.1.2 Toxicity to other organisms**  
not known
- 12.2 Persistence and degradability**
- 12.2.1 Biodegradation**  
Product is biologically degradable.
- 12.2.2 Chemical degradation**  
not known
- 12.3 Bioaccumulative potential**  
no bioaccumulation
- 12.4 Mobility in soil**  
with water
- 12.5 Results of PBT and vPvB assessment**
- 12.6 Other adverse effects**  
not known

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**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Contact your local waste disposal authority for advise.

**14. TRANSPORT INFORMATION****14.1 UN number****14.2 UN proper shipping name****14.3 Transport hazard class(es)**

Transport regulations are not applied to this product

**14.4 Packing group****14.5 Environmental hazards****14.6 Special precautions for users****14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code****15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

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**15.2 Chemical safety assessment**

Chemical safety assesment has not be done.

**16. OTHER INFORMATION****16.3 Key literature references and sources for data**

MSDS from the manufacturer. SAX: Dangerous Properties of Industrial Materials (11. edition).

**16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements**

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.

**16.8 Additional information available from:**

Tammermatic Oy tel. +358-20-1373 403

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