

**Swanline WAX**

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 WAX

**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**

Irritating to eyes.

**1272/2008 (CLP)**

Eye Irrit. 2, H319

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

GHS07

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.

**2.3 Other hazards**

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components****CAS/EC and Reg. number**

111-76-2

01-2119475104-44

**Chemical name of the substance**

2-Butoxyethanol

**Concentration Classification**

0,5-&lt;4 %

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

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|                             |                                  |                    |  |
|-----------------------------|----------------------------------|--------------------|--|
| 67-63-0<br>01-2119457558-25 | 2-Propanol<br>Cationic detergent | 0,5<4 %<br>0,5<3 % | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336<br>Skin Corr. 1B, STOT SE 3, STOT RE 2, Acute Tox. 4, Aquatic Acute 1; H314 H335 H373 H302 H 400 |
|-----------------------------|----------------------------------|--------------------|--|

**3.3 Other information**  
does not exist

## 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

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**7. HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**  
Usual hygienic measures are necessary allowing for the risk of irritating 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) |
| 2-Propanol      | 200 ppm (8 h)               | 250 ppm (15 min)               |
|                 | 500 mg/m <sup>3</sup> (8 h) | 620 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**  
Red liquid.
- 9.1.2 Odour**  
mild odour
- 9.1.4 pH**  
5,0 ± 0,5
- 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**  
not measured
- 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

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|               |                             |                |
|---------------|-----------------------------|----------------|
| <b>9.1.18</b> | <b>Viscosity</b>            | not measured   |
| <b>9.1.20</b> | <b>Oxidising properties</b> | does not exist |
| <b>9.2</b>    | <b>Other information</b>    | does not exist |

**10. STABILITY AND REACTIVITY**

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

**11. TOXICOLOGICAL INFORMATION**

|               |  |   |
|---------------|--|---|
| <b>11.1</b>   | <b>Information on toxicological effects</b>        |   |
| <b>11.1.1</b> | <b>Acute toxicity</b>                              | 2-Propanol: LD50=5045 mg/kg (oral, rat), LDLo=2770 mg/kg (hmn), LCLo=12800 ppm/3 h (inhl, mouse), LD50=12,8 g/kg (dermal, rabbit); 2-Butoxyethanol: LD50=470 mg/kg (oral, rat), TCLo=100 ppm (inhl, hmn; nose, eyes, CNS), TDLo=600 mg/kg (oral, hmn) |
| <b>11.1.2</b> | <b>Irritation and corrosion</b>                    | Product irritates eyes and can also irritate skin. Long termed and/or repeated skin contact can cause irritation dermatitis.  |
| <b>11.1.3</b> | <b>Sensitisation</b>                               | not known   |
| <b>11.1.4</b> | <b>Subacute, subchronic and prolonged toxicity</b> | not known   |
| <b>11.1.5</b> | <b>STOT-single exposure</b>                        | Swallowing can irritate alimentary canal and cause nausea and diarrhea.   |
| <b>11.1.8</b> | <b>Other information on acute toxicity</b>         | not known   |

**12. ECOLOGICAL INFORMATION**

|               |                                      |                                     |
|---------------|--------------------------------------|-------------------------------------|
| <b>12.1</b>   | <b>Toxicity</b>                      |                                     |
| <b>12.1.1</b> | <b>Aquatic toxicity</b>              | not known                           |
| <b>12.1.2</b> | <b>Toxicity to other organisms</b>   | not known                           |
| <b>12.2</b>   | <b>Persistence and degradability</b> |                                     |
| <b>12.2.1</b> | <b>Biodegradation</b>                | Product is biologically degradable. |
| <b>12.2.2</b> | <b>Chemical degradation</b>          | not known                           |
| <b>12.3</b>   | <b>Bioaccumulative potential</b>     | no bioaccumulation                  |

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- 12.4 Mobility in soil**  
with water
- 12.5 Results of PBT and vPvB assessment**
- 12.6 Other adverse effects**  
not known

**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**  
-
- 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**
- |      |  |
|------|--|
| H225 | Highly flammable liquid and vapour.                                |
| H302 | Harmful if swallowed.  |
| H312 | Harmful in contact with skin.                                      |
| H314 | Causes severe skin burns and eye damage.                           |
| H315 | Causes skin irritation.  |
| H332 | Harmful if inhaled.  |
| H335 | May cause respiratory irritation.                                  |
| H336 | May cause drowsiness or dizziness.                                 |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life.  |
- 16.8 Additional information available from:**  
Tammermatic Oy tel. +358-20-1373 403
- Date** 20.1.2017