

Swanline TYRESHINE

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 TYRESHINE

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

Wax.

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

Not a harmful chemical according to CLP legislation.

1272/2008 (CLP)

EUH210

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

EUH210

Safety data sheet available on request.

2.3 Other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

56-81-5

01-2119471987-18

112-34-5

01-2119475104-44

Chemical name of the substance

Glycerine

2-(2-Butoxyethoxy)ethanol

Concentration Classification

40-60 %

1-<3 %

Eye Irrit. 2; H319

3.3 Other information

does not exist

4. FIRST AID MEASURES

4.1 Description of first aid measures

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- 4.1.2 Inhalation**
Fresh air.
- 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 if needed.
- 4.1.5 Ingestion**
Wash out mouth thoroughly with water and give plenty of water or milk to drink. Seek medical help if needed.
- 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**
Foam, powder, CO₂, water spray
- 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

- 7.1 Precautions for safe handling**
Usual hygienic measures are necessary.
- 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**

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| | | | |
|----------------|---|----------------------------|----------------------------|
| 8.1.1 | Threshold limits | | |
| | Glycerine | 20 mg/m ³ (8 h) | |
| | 2-(2-Butoxyethoxy)ethanol | 10 ppm (8 h) | 68 mg/m ³ (8 h) |
| 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 | |
| | Colorless liquid. | |
| 9.1.2 | Odour | mild odour |
| 9.1.4 | pH | 7 |
| 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 | 1,16 |
| 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 | |

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 |

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- 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**
Glycerine: LD50=4090 mg/kg (oral, mouse), LD50=7750 mg/kg (oral, guinea pig)
- 11.1.2 Irritation and corrosion**
not known
- 11.1.3 Sensitisation**
not known
- 11.1.4 Subacute, subchronic and prolonged toxicity**
not known
- 11.1.5 STOT-single exposure**
not known
- 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 readily 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

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

