

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Shine Shampoo (German Glanzshampoo)

Print date: 03.05.2016

Page 1 of 8

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Shine Shampoo (German Glanzshampoo)

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

###### Use of the substance/mixture

Cleaner Concentrate

###### Uses advised against

Reserved for industrial and professional use.

##### 1.3. Details of the supplier of the safety data sheet

Company name:	POLYTOP GmbH	
Street:	Langenselbolder Str. 8	
Place:	D-63543 Neuberg	
Telephone:	+49-6183-80014-0	Telefax: +49-6183-80014-14
e-mail (Contact person):	info@polytop.de	
Internet:	www.polytop.de	
Responsible Department:	Zentrale Tel. +49-6183-80014-0	

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Regulation (EC) No. 1272/2008

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

##### 2.2. Label elements

###### Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



###### Hazard statements

H319 Causes serious eye irritation.

###### Precautionary statements

P264 Wash hands thoroughly after handling.

P280 Wear eye/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.

###### Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

##### 2.3. Other hazards

Avoid contact with eyes.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Shine Shampoo (German Glanzshampoo)

Print date: 03.05.2016

Page 2 of 8

#### Chemical characterization

EU 648/2004: perfumes (free of allergens 2003/15/EU), Dyestuff., Additional information: organic acids

#### Hazardous components

CAS No	Chemical name	Quantity
	EC No      Index No      REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts	5 - < 10 %
	931-333-8      01-2119489410-39	
	Eye Dam. 1, Aquatic Chronic 3; H318 H412	
94095-35-9	1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty	1 - < 5 %
	939-685-4      01-2119983493-2	
	Skin Irrit. 2, Eye Irrit. 2; H315 H319	
64-19-7	Acetic acid 100 %	1-5 %
	200-580-7      607-002-00-6	
	Flam. Liq. 3, Skin Corr. 1A; H226 H314	
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one	<0,01 %
	220-120-9      613-088-00-6	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400	
2682-20-4	2-Methyl-(2H)-isothiazol-3-on	<0,01 %
	220-239-6	
	Acute Tox. 2, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H330 H301 H314 H318 H317 H400 H411	

Full text of H and EUH statements: see section 16.

#### Labelling for contents according to Regulation (EC) No 648/2004

5 % - 15 % amphoteric surfactants, < 5 % cationic surfactants, < 5 % non-ionic surfactants, perfumes, preservation agents (Benzisothiazolinone, Methylisothiazolinone).

#### Further Information

The surfactant contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After inhalation

not applicable

##### After contact with skin

After contact with skin, wash immediately with: Water.

After cleaning apply high-fat content skin care cream.

##### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

##### After ingestion

Do NOT induce vomiting. Seek medical advice.

Let water be drunken in little sips (dilution effect).

#### 4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

#### 4.3. Indication of any immediate medical attention and special treatment needed



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Shine Shampoo (German Glanzshampoo)

Print date: 03.05.2016

Page 3 of 8

Give Dimeticon (Defoamer).

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### **Suitable extinguishing media**

The product itself does not burn.  
Co-ordinate fire-fighting measures to the fire surroundings.

##### 5.2. Special hazards arising from the substance or mixture

No special fire protection measures are necessary.

##### 5.3. Advice for firefighters

No special fire protection measures are necessary.

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

The following must be prevented:  
skin contact.  
Eye contact.

##### 6.2. Environmental precautions

Suitable material for diluting or neutralizing:  
Water.

##### 6.3. Methods and material for containment and cleaning up

Methods of cleaning - small amounts of spilled material: Dilute with plenty of water.  
Methods of cleaning - large amounts of spilled material: Take up mechanically, placing in appropriate containers for disposal.

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### **Advice on safe handling**

Avoid the formation of aerosol.  
Keep container tightly closed.  
The following must be prevented:  
skin contact.  
Eye contact.

###### **Advice on protection against fire and explosion**

Not combustible.

##### 7.2. Conditions for safe storage, including any incompatibilities

###### **Requirements for storage rooms and vessels**

Store only in original container.

###### **Advice on storage compatibility**

No special precautionary measures are necessary.

###### **Further information on storage conditions**

Recommended storage temperature: up to °C: 30

##### 7.3. Specific end use(s)

Automotive cleaning products

#### SECTION 8: Exposure controls/personal protection

##### 8.1. Control parameters

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Shine Shampoo (German Glanzshampoo)

Print date: 03.05.2016

Page 4 of 8

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	EU
		15	37		STEL (15 min)	EU

#### 8.2. Exposure controls

##### Protective and hygiene measures

Avoid contact with skin and eyes.  
Wash hands before breaks and after work.

##### Eye/face protection

Tightly sealed safety glasses.

##### Hand protection

Wear suitable gloves.  
Neopren, NR (Natural rubber (Caoutchouc), Natural latex), CR (polychloroprenes, Chloroprene rubber), NBR (Nitrile rubber).

##### Skin protection

Body protection: not required.

##### Respiratory protection

Respiratory protection not required.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state: liquid  
Colour: light yellow clear  
Odour: fruity

#### Test method

pH-Value (at 20 °C): ca. 4,0

#### Changes in the physical state

Melting point: not determined  
Initial boiling point and boiling range: 102 °C  
Ignition temperature: >250 °C

#### Oxidizing properties

not oxidizing.

Vapour pressure: ca. 23 hPa

Density: 1,01 g/cm<sup>3</sup>

Water solubility: miscible.

Solvent content: 0%

#### 9.2. Other information

Not combustible.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No risks worthy of mention.

#### 10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Shine Shampoo (German Glanzshampoo)

Print date: 03.05.2016

Page 5 of 8

#### 10.3. Possibility of hazardous reactions

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

#### 10.4. Conditions to avoid

No risks worthy of mention.

#### 10.5. Incompatible materials

No risks worthy of mention.

#### 10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts			
	oral	LD50 >5000 mg/kg	Rat	
94095-35-9	1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty			
	oral	LD50 >2000 mg/kg	Rat	
64-19-7	Acetic acid 100 %			
	oral	LD50 3310 mg/kg	Rat	GESTIS
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one			
	oral	ATE 500 mg/kg		
2682-20-4	2-Methyl-(2H)-isothiazol-3-on			
	oral	ATE 100 mg/kg		
	inhalative vapour	ATE 0,5 mg/l		
	inhalative aerosol	ATE 0,05 mg/l		

#### Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Practical experience

#### Other observations

Has de-greasing effect on the skin.

After cleaning apply high-fat content skin care cream.

## SECTION 12: Ecological information

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Shine Shampoo (German Glanzshampoo)

Print date: 03.05.2016

Page 6 of 8

#### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts					
	Acute fish toxicity	LC50	5,2 mg/l	96 h	Leuciscus idus	
	Acute algae toxicity	ErC50	24 mg/l	96 h		
	Acute crustacea toxicity	EC50	17,3 mg/l	48 h	Daphnia magna	
94095-35-9	1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty					
	Acute fish toxicity	LC50	4,8 mg/l	96 h		
	Acute algae toxicity	ErC50	2,1 mg/l	72 h		
	Acute crustacea toxicity	EC50	2,2 mg/l	48 h		
64-19-7	Acetic acid 100 %					
	Acute crustacea toxicity	EC50	65 mg/l	48 h	Daphnia magna	Janssen et al

#### 12.2. Persistence and degradability

The surfactant contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

#### 12.3. Bioaccumulative potential

Does not accumulate in organisms.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-19-7	Acetic acid 100 %	-0,17

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

No risks worthy of mention.

#### Further information

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility , will not disturb the biodegradability of activated sludge.

Chemical Oxygen Demand (COD) [mg O<sub>2</sub>/g Produkt]: 320

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

##### Waste disposal number of waste from residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

##### Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Shine Shampoo (German Glanzshampoo)

Print date: 03.05.2016

Page 7 of 8

#### Contaminated packaging

Water.

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

Consult supplier about waste disposal.

Cleaned containers may be recycled.

#### SECTION 14: Transport information

##### Land transport (ADR/RID)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

##### Inland waterways transport (ADN)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

##### Marine transport (IMDG)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

##### Air transport (ICAO)

**14.1. UN number:** No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

##### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

##### 14.6. Special precautions for user

Keep container tightly closed.

##### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

#### SECTION 15: Regulatory information

##### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

###### EU regulatory information

2004/42/EC (VOC): Volatile organic compounds (VOC) content in percent by weight: 0

###### Additional information

648/2004: chapter 3 chemical characterization (mixture)

###### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 2 - water contaminating

##### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

#### SECTION 16: Other information

##### Changes

This data sheet contains changes from the previous version in section(s): 2,3,4,8,9,11,12,14,15.

##### Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Shine Shampoo (German Glanzshampoo)

Print date: 03.05.2016

Page 8 of 8

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

---

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*