

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

1.1. Product identifier

Car Shampoo (German: Handshampoo)

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

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:	info@polytop.de	
Internet:	www.polytop.de	
Responsible Department:	Zentrale Tel. +49-6183-80014-0	

Further Information

GHS/CLP-classification and labelling in accordance with regulation 1272/2008/EU (incl.790/2009/EU) for mixtures entry into force from 01.06.2015

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is not classified as dangerous according to Directive 1999/45/EC.

GHS classification

Hazard Statements:
Causes serious eye irritation.

2.2. Label elements

Signal word:	Warning
Pictograms:	GHS07



Hazard statements

H319	Causes serious eye irritation.
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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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

EU 648/2004: anionic surfactants 5-15%, non-ionic surfactants <5%, Preservatives. (Methylchloroisothiazolinone, Methylisothiazolinone, Tetramethylol-acetylendiurea), perfumes (free of allergens 2003/15/EC), Dyestuff.

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
	Lauryl ether sulfate	5-15 %
9004-82-4	Xi - Irritant R36/38	
	Skin Irrit. 2, Eye Irrit. 2; H319 H315	
01-2119488639-16		
	isotridecanol ethoxylates	1-5 %
69011-36-5	Xi - Irritant R41	
	Eye Dam. 1; H318	
226-408-0	Tetramethylol-acetylendiurea	<0,1 %
5395-50-6	Xi - Irritant R43	
	Skin Sens. 1; H317	
	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	<0,0015 %
55965-84-9	T - Toxic, C - Corrosive, N - Dangerous for the environment R23/24/25-34-43-50-53	
613-167-00-5	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H311 H301 H314 H317 H400 H410	

Full text of R and H phrases: see Section 16.

Further Information

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Avoid contact with eyes.

After inhalation

not applicable

After contact with skin

After contact with skin, wash immediately with plenty of water.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Do not induce vomiting. Rinse mouth thoroughly with water.
Seek medical advice.
Let water be swallowed in little sips (dilution effect).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing materials should be selected according to the surrounding area.
The product itself is not combustible.

SECTION 6: Accidental release measures

6.2. Environmental precautions

Dilute with a large quantity of water.

6.3. Methods and material for containment and cleaning up

Methods of cleaning - large amounts of spilled material
 Collect mechanically.
 Methods of cleaning - small amounts of spilled material
 Dilute with a large quantity of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special precautionary measures are necessary.

Advice on protection against fire and explosion

No special precautionary measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special precautionary measures are necessary.

Advice on storage compatibility

No special precautionary measures are necessary.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

Hand protection: not required.

Eye protection

Recommendation:
 bottling and transfer. Tightly sealed safety glasses.

Skin protection

Skin 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):	6,5-7,5
Changes in the physical state	
Melting point:	not determined
Boiling point:	101 °C
Flash point:	not applicable
Explosive properties	
not Explosive.	
Ignition temperature:	not applicable
Oxidizing properties	
not oxidizing.	
Vapour pressure: (at 20 °C)	23 hPa

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Car Shampoo (German: Handshampoo)

Page 4 of 6

Density (at 20 °C): 1,04 g/cm³
 Water solubility: complete miscible
 Solvent content: 0%

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

No risks worthy of mention.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Preparation not tested.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
9004-82-4	Lauryl ether sulfate				
	oral	LD50	4100 mg/kg	rat	
	dermal	LD50 mg/kg	>2000	rbt	
69011-36-5	isotridecanol ethoxylates				
	oral	LD50 mg/kg	>2000	Rat.	
	dermal	LD50 mg/kg	>2000	Rabbit.	
55965-84-9	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)				
	oral	ATE	100 mg/kg		
	dermal	ATE	300 mg/kg		
	inhalative	ATE	0,5 mg/l		

Irritation and corrosivity

According to Directive 1999/45/EC or Appendix VI to Directive 67/548/EEC the preparation requires no special labelling.

This preparation is hazardous in the sense of regulation (EC) No 1272/2008 [GHS].

Causes serious eye irritation.

Sensitising effects

no danger of sensitization.

Empirical data on effects on humans

Has de-greasing effect on the skin.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
9004-82-4	Lauryl ether sulfate					
	Acute fish toxicity	LC50	7,1 mg/l	96		
	Acute algae toxicity	ErC50	7,5 mg/l	96		
	Acute crustacea toxicity	EC50	7,2 mg/l	48		
69011-36-5	isotridecanol ethoxylates					
	Acute fish toxicity	LC50	>1-10 mg/l	96	Cyprinus carpio	OECD 203
	Acute algae toxicity	ErC50	>1-10 mg/l		Desmodesmus subspicatus	OECD 201
	Acute crustacea toxicity	EC50	>1-10 mg/l	48	Daphnia magna	OECD 202

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
69011-36-5	isotridecanol ethoxylates	2,4

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 O2/g Produkt]: 310

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

Contaminated packaging

Water.
 Consult supplier about waste disposal.
 Cleaned containers may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Marine transport (IMDG)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

EU regulatory information

1999/13/EC (VOC): Volatile organic compounds (VOC) in percentage by weight: 0

Additional information

648/2004: chapter 3 chemical characterization (preparation)

Recommendation: Keep out of the reach of children.

Safety data sheet available for professional user on request.

National regulatory information

Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information

Full text of R phrases referred to under Sections 2 and 3

- 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
- 34 Causes burns.
- 36/38 Irritating to eyes and skin.
- 41 Risk of serious damage to eyes.
- 43 May cause sensitisation by skin contact.
- 50 Very toxic to aquatic organisms.
- 53 May cause long-term adverse effects in the aquatic environment.

Full text of H statements referred to under Sections 2 and 3

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- 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.
- H331 Toxic if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic 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 information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

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