

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Wheel Cleaner L (German: Felgenreiniger L)

Print date: 20.05.2016

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

#### 1.1. Product identifier

Wheel Cleaner L (German: Felgenreiniger L)

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

##### Use of the substance/mixture

Special Cleaner

##### 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:

Skin corrosion/irritation: Skin Corr. 1A

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes severe skin burns and eye damage.

#### 2.2. Label elements

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

##### Hazard components for labelling

Phosphoric acid  $\leq 25\%$ ; orthophosphoric acid, sodium etasulfate, isotridecanol ethoxylates ( $>5-20\text{EO}$ ),

Alcohols, C12-14(even numbered), ethoxylated  $< 2.5\text{EO}$ , sulfates, sodium salts

**Signal word:** Danger

**Pictograms:**



##### Hazard statements

H314 Causes severe skin burns and eye damage.

##### Precautionary statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P280	Wear suitable gloves and eye/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363	Wash contaminated clothing before reuse.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310	Immediately call a POISON CENTER/doctor.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if



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P310 present and easy to do. Continue rinsing.  
 P405 Immediately call a POISON CENTER/doctor.  
 Store locked up.

#### 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 skin and eyes.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

see below Labelling for contents according to regulation (EC) No. 648/2004, Additional information: inorganic acids, organic acids, corrosion protection agents

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
7664-38-2	Phosphoric acid 100 %; orthophosphoric acid			15 - < 20 %
	231-633-2	015-011-00-6		
	Skin Corr. 1B; H314			
126-92-1	sodium etasulfate			1 - < 5 %
	204-812-8		01-2119971586-2	
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
69011-36-5	isotridecanol ethoxylates (>5-20EO)			1 - < 5 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			
68891-38-3	Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts			1 - < 5 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
77-92-9	citric acid			1 - < 5 %
	201-069-1			
	Eye Irrit. 2; H319			
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl) (INCI: Cocoamide DEA)			< 1 %
	931-329-6		01-2119490100-53	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2; H315 H318 H411			

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

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

15 % - 30 % phosphates, 5 % - 15 % anionic surfactants, < 5 % non-ionic surfactants, perfumes.

#### Further Information

The surfactants contained in this preparation comply 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



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#### General information

Remove contaminated, saturated clothing immediately.

#### After inhalation

Provide fresh air.

#### After contact with skin

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

#### After contact with eyes

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

#### After ingestion

Rinse mouth thoroughly with water.

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

Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

The following symptoms may occur:

vomiting.

pulmonary oedema.

Belly-ache.

spasms.

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

No known symptoms to date.

### 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

Wear personal protection equipment.

Keep away from unprotected people. Keep upwind.

The following must be prevented:

skin contact.

Eye contact.

#### 6.2. Environmental precautions

Suitable material for diluting or neutralizing:

Lime 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.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

#### 6.4. Reference to other sections

SECTION 12: Ecological information

### SECTION 7: Handling and storage



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#### 7.1. Precautions for safe handling

##### Advice on safe handling

Keep container tightly closed.

##### 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

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
7664-38-2	Orthophosphoric acid	-	1		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

#### 8.2. Exposure controls

##### Protective and hygiene measures

Avoid contact with skin and eyes.

Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

##### Eye/face protection

Tightly sealed safety glasses.

##### Hand protection

Suitable material:

PVC, Neopren, PVA, NR (Natural rubber (Caoutchouc), Natural latex).

##### Skin protection

Body protection: not required.

##### Respiratory protection

Respiratory protection not required.

Nur im Freien oder in gut belüfteten Räumen verwenden.

### SECTION 9: Physical and chemical properties

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

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



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#### Test method

pH-Value (at 20 °C): 1,0-1,5

#### Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: 104 °C

Flash point: not applicable

#### Explosive properties

not Explosive.

#### Oxidizing properties

not oxidizing.

Vapour pressure: ca. 20,5 hPa  
(at 20 °C)

Density (at 20 °C): 1,13-1,14 g/cm³

Water solubility: miscible.  
(at 20 °C)

Solvent content: 2%

#### 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.

#### 10.3. Possibility of hazardous reactions

No risks worthy of mention.

#### 10.4. Conditions to avoid

No risks worthy of mention.

#### 10.5. Incompatible materials

none

#### 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

Preparation not tested.



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CAS No	Chemical name			
	Exposure route	Dose	Species	Source
126-92-1	sodium etasulfate			
	oral	LD50 8000 mg/kg	Rat	
	dermal	LD50 7200 mg/kg	Rabbit	
69011-36-5	isotridecanol ethoxylates (>5-20EO)			
	oral	LD50 >2000 mg/kg	Rat	
	dermal	LD50 >2000 mg/kg	Rabbit	
68891-38-3	Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts			
	oral	LD50 >8000 mg/kg	Rat	
	dermal	LD50 >4000 mg/kg	Rat	
77-92-9	citric acid			
	oral	LD50 >2000 mg/kg	Rat	
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl) (INCI: Cocoamide DEA)			
	oral	LD50 >5000 mg/kg	Rat	
	dermal	LD50 >2000 mg/kg	Rabbit	

#### Irritation and corrosivity

Causes serious eye damage.

Irritating to skin.

#### Sensitising effects

Contains: perfumes (see chapter 3)

#### Practical experience

#### Other observations

Has de-greasing effect on the skin.

After cleaning apply high-fat content skin care cream.

### SECTION 12: Ecological information

#### 12.1. Toxicity



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	
7664-38-2	Phosphoric acid 100 %; orthophosphoric acid					
	Acute fish toxicity	LC50	138 mg/l	96 h	Gambusia affinis	
126-92-1	sodium etasulfate					
	Acute fish toxicity	LC50	>100 mg/l	96 h	rainbow trout	
	Acute algae toxicity	ErC50	330 mg/l	72 h	scenedesmus subspicatus	
	Acute crustacea toxicity	EC50	1210 mg/l	48 h	daphnia magna	
69011-36-5	isotridecanol ethoxylates (>5-20EO)					
	Acute fish toxicity	LC50	>1-10 mg/l	96 h	Cyprinus carpio	OECD TG 203
	Acute algae toxicity	ErC50	>1-10 mg/l	72 h	Scenedesmus subspicatus	OECD TG 201
	Acute crustacea toxicity	EC50	>1-10 mg/l	48 h	Daphnia magna	OECD TG 202
68891-38-3	Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts					
	Acute fish toxicity	LC50	7,1 mg/l	96 h		
	Acute algae toxicity	ErC50	7,5 mg/l	96 h		
	Acute crustacea toxicity	EC50	7,2 mg/l	48 h		
77-92-9	citric acid					
	Acute fish toxicity	LC50	>100 mg/l	96 h	Leuciscus idus	
	Acute crustacea toxicity	EC50	>100 mg/l	48 h	Daphnia magna	
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl) (INCI: Cocoamide DEA)					
	Acute fish toxicity	LC50	2,4 mg/l	96 h		
	Acute algae toxicity	ErC50	18,6 mg/l	72 h		
	Acute crustacea toxicity	EC50	3,2 mg/l	48 h		
	Fish toxicity	NOEC	0,32 mg/l	28 d		
	Algae toxicity	NOEC	2 mg/l	3 d		
	Crustacea toxicity	NOEC	0,07 mg/l	21 d		

### 12.2. Persistence and degradability

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

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
69011-36-5	isotridecanol ethoxylates (>5-20EO)			
	OECD-Richtlinie 301 A	>70%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			
	OECD-Richtlinie 301 B	>60%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			
68891-38-3	Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts			
	OECD 301 B	100%	14	
	Easily biodegradable (concerning to the criteria of the OECD)			
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl) (INCI: Cocoamide DEA)			
	OECD 301 B	92,5%	28	

### 12.3. Bioaccumulative potential

Does not accumulate in organisms.



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#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
69011-36-5	isotridecanol ethoxylates (>5-20EO)	2,4

#### 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.

CSB [mg O<sub>2</sub>/g Produkt]: 220

### 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

200114 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); acids  
Classified as hazardous waste.

##### 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.

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.





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#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No special measures are necessary.

#### 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: 2

##### 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

For this substance a chemical safety assessment has not been carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 15.

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

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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.)*