

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Universal-Cleaner

Print date: 11.05.2016

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

1.1. Product identifier

Universal-Cleaner

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:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash hands thoroughly after handling.

P280 Wear suitable gloves and eye/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

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

No risks worthy of mention.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

see below Labelling for contents according to regulation (EC) No. 648/2004, Complexing agent (GLDA) <5%, dye, Additional information: glycol ether, alkanolamines

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
69011-36-5	isotridecanol ethoxylates (>5-20EO)			1 - < 5 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			
5131-66-8	3-butoxypropan-2-ol, propylene glycol monobutyl ether			1 - < 5 %
	225-878-4	603-052-00-8		
	Eye Irrit. 2, Skin Irrit. 2; H319 H315			
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			
15763-76-5	odium/potassium 4-isopropylbenzenesulfonate			1 - < 5 %
	239-854-6		01-2119489411-37	
	Eye Irrit. 2; H319			
5064-31-3	trisodium nitrilotriacetate			0,1-0,3 %
	225-768-6	607-620-00-6		
	Carc. 2, Acute Tox. 4, Eye Irrit. 2; H351 H302 H319			
106-22-9	Fragrance Citronellol			0,01-0,1 %
	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H317 H411			

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

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

< 5 % non-ionic surfactants, < 5 % anionic surfactants, < 5 % phosphonates, perfumes (Citronellol).

Further Information

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

Trisodium nitrilotriacetate (NTA) is an attend of GLDA.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

After cleaning apply high-fat content skin care cream.

After contact with eyes

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



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After ingestion

- Rinse mouth thoroughly with water.
- 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

- Give Dimeticon (Defoamer).
- Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.

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.

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
- Keep container tightly closed.

7.3. Specific end use(s)

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Automotive care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Avoid contact with eyes. Wash hands before breaks and after work. Notice the directions for use on the label.

Keep container tightly closed.

Eye/face protection

Wear eye/face protection.

Hand protection

Suitable material:

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:	clear red
Odour:	product-specific

Test method

pH-Value (at 20 °C):	ca. 10,8-11,2
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Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	101 °C
Flash point:	>100 °C

Explosive properties

not Explosive.

Ignition temperature:	>250 °C
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Oxidizing properties

not oxidizing.

Vapour pressure: (at 20 °C)	ca. 23 hPa
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Density (at 20 °C):	1,05 g/cm ³
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Water solubility:	complete miscible
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Solvent content:	5,5
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9.2. Other information

Not combustible.

SECTION 10: Stability and reactivity



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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

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 route	Dose	Species	Source
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	
15763-76-5	odium/potassium 4-isopropylbenzenesulfonate			
	oral	LD50 >2000 mg/kg	Rat	
	dermal	LD50 >2000 mg/kg	Rabbit	
5064-31-3	trisodium nitrilotriacetate			
	oral	ATE 500 mg/kg		

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

May cause sensitisation by skin contact.

648/2004: chapter 3 perfumes (Citronellol)

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
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		
15763-76-5	odium/potassium 4-isopropylbenzenesulfonate				
	Acute fish toxicity	LC50 >100 mg/l	96 h	Cyprinus carpi	
	Acute algae toxicity	ErC50 >100 mg/l	72 h	scenedesmus subspicatus	
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna	

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.

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)			
15763-76-5	odium/potassium 4-isopropylbenzenesulfonate			
	301 A	>70%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			
	301 B	>60%	6	
	Easily biodegradable (concerning to the criteria of the OECD)			
	DOC, modif. OECD Screening Test 301E	94%		

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

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.



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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]: 390

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.

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

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



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EU regulatory information

2004/42/EC (VOC): Volatile organic compounds (VOC) content in percent by weight: 5,5

Additional information

Safety data sheet available for professional user on request.
648/2004: chapter 3 chemical characterization (mixture)

National regulatory information

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): 3.

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H351	Suspected of causing cancer.
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 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.)