

**Leather Cleaner (German: Lederreiniger)**

Revision date: 12.12.2016

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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

Special Cleaner

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

Company name:	Polytop GmbH (change in address from 01.01.2018)	
Street:	Schafweide 2	
Place:	D-63762 Großostheim	
Telephone:	+49 (0) 6026 99577-0	Telefax: +49 (0) 6026 99577-56
e-mail:	info@polytop.de	
Internet:	www.polytop.de	
Responsible Department:	Tel. +49 (0) 6026 99577-0 mo-th 08:00 - 16:30 o'clock, fr 08:00 - 14:30 o'clock (research and development)	

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Special labelling of certain mixtures**

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

**2.3. Other hazards**

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

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

see below Labelling for contents according to regulation (EC) No. 648/2004, Preservatives.  
(Benzisothiazolinone, Methylisothiazolinone, Octylisothiazolinone), Additional information: Alcohols, Paraffinum Liquidum, moisturizers, polishing agents, wax, glycol ether, thickeners



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**After inhalation**

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.  
Wash hands before breaks and after work.

**After contact with eyes**

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

**After ingestion**

Do NOT induce vomiting.  
Have victim drink large quantities of water, with active charcoal if possible.  
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**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 activated carbon, in order to reduce the resorption in the gastro-enteric tract.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

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

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

The vapours are heavier than air and can accumulate in high concentrations on the ground, in cavities, channels and cellars.

**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**

High slip hazard because of leaking or spilled product.  
Provide adequate ventilation.

**6.2. Environmental precautions**

Product may not be released into water without pre-treatment.  
Do not allow to enter into surface water or drains.

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

Take up mechanically.  
Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

SECTION 12: Ecological information

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Use only in well-ventilated areas.

**Advice on protection against fire and explosion**

No special measures are necessary.

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

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**Requirements for storage rooms and vessels**

No special measures are necessary.

**Advice on storage compatibility**

No special measures are necessary.

**Further information on storage conditions**

Protect against: frost.

storage temperature:

of °C: 0 up to °C: 30

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

Automotive care 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
107-98-2	1-Methoxypropan-2-ol	100	375		TWA (8 h)	WEL
		150	560		STEL (15 min)	WEL
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
1332-58-7	Kaolin respirable dust	-	2		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

**8.2. Exposure controls**

**Protective and hygiene measures**

No special measures are necessary.

Wash hands before breaks and after work.

**Eye/face protection**

Eye protection: not required.

**Hand protection**

Hand protection: not required.

**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: viscous  
 Colour: cream  
 Odour: product-specific

**Test method**

pH-Value (at 20 °C): 6,0-8,0 (neutral)

**Changes in the physical state**

Melting point: not determined

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Initial boiling point and boiling range: 100-220\* °C

Flash point: &gt;62 °C

**Explosive properties**

In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits: 0,6 vol. %

Upper explosion limits: 8 vol. %

Ignition temperature: &gt;200 °C

**Oxidizing properties**

not oxidizing.

Vapour pressure: 24 hPa  
(at 20 °C)Density: 0,95 g/cm<sup>3</sup>

Water solubility: partially miscible

Viscosity / dynamic: approx. 1000 mPa·s  
(at 20 °C)Viscosity / kinematic: >20,5 mm<sup>2</sup>/s  
(at 40 °C)

Solvent content: 35%

**9.2. Other information**

Not sustaining combustion.

\* aliphatic hydrocarbons boiling temperature / boiling range 180-220°C

**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**

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

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)				
	oral	LD50 >5000 mg/kg	rat		
	dermal	LD50 >5000 mg/kg	rbt		
	inhalative vapour	LC50 ..... mg/l	Vapour pressure: to low	4h max.5mg/l	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 4570 mg/kg	Rat		
	dermal	LD50 13400 mg/kg	Rabbit		
	inhalative (4 h) vapour	LC50 30 mg/l	Rat		
64-17-5	ethanol, ethyl alcohol				
	oral	LD50 6200 mg/kg	Rat	IUCLID	
	inhalative (4 h) vapour	LC50 95,6 mg/l	Rat	RTECS	
8042-47-5	white oil				
	oral	LD50 >5000 mg/kg	Rat	OECD 401	
	dermal	LD50 >2000 mg/kg	Rabbit	OECD 402	
	inhalative (4 h) vapour	LC50 >5000 mg/l	Rat	OECD 403	
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether				
	oral	LD50 > 5000 mg/kg	Rat	IUCLID	
	dermal	LD50 11000 mg/kg	Rabbit		
9004-96-0	PEG-6 oleate				
	oral	LD50 >2000 mg/kg	Rat		
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one				
	oral	ATE 500 mg/kg			
26530-20-1	octhilonone (ISO); 2-octyl-2H-isothiazol-3-one				
	oral	ATE 500 mg/kg			
	dermal	ATE 300 mg/kg			
2682-20-4	2-Methyl-(2H)-isothiazol-3-on				
	oral	ATE 100 mg/kg			

**Irritation and corrosivity**

mild irritant.

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

**Sensitising effects**

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

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**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-repeated exposure**

Repeated exposure may cause skin dryness or cracking.

**Aspiration hazard**

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

**Practical experience**

**Other observations**

Has de-greasing effect on the skin.

**SECTION 12: Ecological information**

**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)					
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Oncorhynchus mykiss		
	Acute algae toxicity	ErC50 >1000 mg/l	72 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 >1000 mg/l	48 h	Daphnia magna		
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50 >100 mg/l	96 h	leuciscus idus		
	Acute algae toxicity	ErC50 >100 mg/l	72 h	scenedesmus subspicatus		
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	daphnia magna		
64-17-5	ethanol, ethyl alcohol					
	Acute crustacea toxicity	EC50 9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID	
8042-47-5	white oil					
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Leuciscus idus	OECD 203	
	Acute algae toxicity	ErC50 NOEL >100 mg/l	72 h	Pseudokirchnerella subcapitata	OECD 201	
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna	OECD 202	
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether					
	Acute fish toxicity	LC50 4600 - 10000 mg/l	96 h	Leuciscus idus	IUCLID	
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Selenastrum capricornutum		
	Acute crustacea toxicity	EC50 > 500 mg/l	48 h	Daphnia magna	IUCLID	
9004-96-0	PEG-6 oleate					
	Acute fish toxicity	LC50 >1 mg/l	96 h		OECD 203	

**12.2. Persistence and degradability**

Organic part of product is bio-degradable.

(Solvent.: Abiotic degradation in Air )

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation

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(EC) No. 648/2004 on detergents.

CAS No	Chemical name	Value	d	Source
	Method			
	Evaluation			
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)			
		80%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			

**12.3. Bioaccumulative potential**

No indication of bio-accumulation potential.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
64-17-5	ethanol, ethyl alcohol	-0,31
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether	-0,437

**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**

Doesn't get into the sewage water as long as the process is carried out according to regulations.

**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 with tenside additive.

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

**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.



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

**Air transport (ICAO-TI/IATA-DGR)**

**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**

**EU regulatory information**

2004/42/EC (VOC): Volatile organic compounds (VOC) in percentage by weight: 35

**Additional information**

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

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

**15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:  
hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)  
white oil

**SECTION 16: Other information**

**Changes**

This data sheet contains changes from the previous version in section(s): 2,15.

**Abbreviations and acronyms**

2003/15/EG: contains a list of allergenic fragrance substances  
648/2004 (EG): Detergents Regulation  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
TLV: Threshold Limiting Value (is a level to which it is believed a worker can be exposed day after day for a working lifetime without adverse effects)  
ATEmix: Acute Toxicity Estimates of a mixture  
CAS: Chemical Abstracts Service (subdivision of the American Chemical Society)  
CAS no: a unique numerical identifier assigned by Chemical Abstracts Service to every chemical substance (rarely a group of substances), described in the open scientific literature  
CLP, 1272/2008 (EC): Regulation of the european parliament on Classification, Labelling and Packaging of Substances and Mixtures  
COD: chemical oxygen demand  
DNEL: Derived No Effect Level  
EC50: half maximal effective concentration (toxicity value), effect on 50% of the test population  
EC: European Community  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
EN: European Standards  
ErC50: median inhibitory concentration of growth rate (algal inhibition test), effect on 50% of the test population  
EUH-phrase (-Code): precautionary statement (EC-specified, not derived from GHS)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals (of the United nations)

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hPa: Hectopascal (1000 hPa= 1bar)  
H-phrase (-Code): hazardous statement  
IATA: International Air Transport Association  
IBC-Code: The IBC Code provides an international standard for the safe carriage in bulk by sea of dangerous chemicals  
ICAO: International Civil Aviation Organization  
IMDG: International Maritime Code for Dangerous Goods  
ISO: International Organization for Standardization  
IUCLID: International Uniform Chemical Information Database  
LC50: median lethal (killing) concentration (toxicity value), effect on 50% of the test population  
LD50: median lethal (killing) dose, effect on 50% of the test population  
log Kow: partition-coefficient between octanol and water (measures how hydrophilic or hydrophobic a chemical substance is)  
MARPOL: Maritime Pollution Convention  
OECD: Organisation for Economic Co-operation and Development  
OECD 301 (A-F: methods for determination of biodegradability)  
PBT: persistent, bioaccumulative and toxic (substances that have high resistance to degradation from abiotic and biotic factors, high mobility in the environment and high toxicity)  
PNEC: Predicted No Effect Concentration  
ppm: parts per million, 10000ppm=1%  
P-phrase (-Code): precautionary statement  
REACH, 1907/2006 (EC): Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID: Regulation concerning the Carriage of Dangerous Goods by Rail (  
STOT RE: Specific Target Organ Toxicity (repeated exposure)  
STOT SE: Specific Target Organ Toxicity (single exposure)  
UN: United Nations  
VOC: Volatile Organic Compounds  
vPvB: very persistent and very bioaccumulative (s.PBT)

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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

**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.

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