

Lubricator

Revision date: 17.08.2020

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

1.1. Product identifier

Lubricator

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

Use of the substance/mixture

Lubricant

1.3. Details of the supplier of the safety data sheet

Company name: Polytop GmbH
 Street: Schafweide 2
 Place: D-63762 Großostheim
 Telephone: +49 (0) 6026 99577-0
 e-mail: info@polytop.de
 Internet: www.polytop.de www.polytop-shop.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)
 Telefax: +49 (0) 6026 99577-56

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

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

EU 648/2004: Dyestuff., Additional information: synthetic polymers

Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
122-99-6	2-phenoxyethanol	< 0.1 %
	204-589-7	
	603-098-00-9	
	01-2119488943-21	
	Acute Tox. 4, Eye Irrit. 2; H302 H319	
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	< 0.1 %
	219-145-8	
	01-2119980592-29	
	Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, STOT RE 2, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 1); H301 H314 H318 H373 H400 H410	
4299-07-4	2-n-butyl-benzo[d]isothiazol-3-one	< 0.1 %
	420-590-7	
	606-079-00-3	
	01-0000016721-74	
	Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 10); H314 H318 H317 H400 H410	

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

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

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preservation agents (PHENOXETOL, LAURYLAMINE DIPROPYLENEDIAMINE, BUTYLBENZISOTHAZOLINONE).

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

not applicable

After contact with skin

No special measures are necessary.

No known symptoms to date.

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 drunk 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

IF SWALLOWED: Give Dimeticon (Defoamer).

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

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**

No special measures are necessary.

6.2. Environmental precautions

Dilute with plenty of water.

6.3. Methods and material for containment and cleaning up

Methods of cleaning - large amounts of spilled material

Take up mechanically.

Methods of cleaning - small amounts of spilled material

Dilute with plenty of water.

6.4. Reference to other sections

High slip hazard because of leaking or spilled product.

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

No special precautionary measures are necessary.

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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.

Hints on joint storage

No special precautionary 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 cleaning products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters**8.2. Exposure controls****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:	liquid
Colour:	light violet clear
Odour:	product-specific

pH-Value (at 20 °C):	6,0-8,0 (neutral)	Test method
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Changes in the physical state

Melting point:	not determined
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Initial boiling point and boiling range:	100 °C
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Flash point:	not applicable
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Flammability

Solid:	not applicable
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Gas:	not applicable
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Explosive properties

not Explosive.

Lower explosion limits:	not applicable
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Upper explosion limits:	not applicable
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Ignition temperature:	not applicable
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Auto-ignition temperature

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Solid: not applicable
Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties
not oxidizing.

Vapour pressure:
(at 20 °C) approx. 23 hPa

Density (at 20 °C): 1,00 g/cm³

Water solubility: complete miscible

Solubility in other solvents
not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Vapour density: not determined

Evaporation rate: not determined

Solvent separation test: not determined

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.

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**

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

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
122-99-6	2-phenoxyethanol				
	oral	LD50 mg/kg	1850	Rat	
	dermal	LD50 mg/kg	>2000	Rabbit	
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine				
	oral	ATE mg/kg	100		

Irritation and corrosivity

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.

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.

STOT-repeated 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**12.1. Toxicity**

The product has not been tested.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
122-99-6	2-phenoxyethanol					
	Acute fish toxicity	LC50 mg/l	220 - 460	96 h	Leuciscus idus	
	Acute algae toxicity	ErC50 mg/l	> 500	72 h	Scenedesmus sp.	
	Acute crustacea toxicity	EC50 mg/l	> 500	48 h	Daphnia magna	

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
122-99-6	2-phenoxyethanol	1,16

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

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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.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

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

List of Wastes Code - 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

List of Wastes Code - 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-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

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

Restrictions on use (REACH, annex XVII):

Entry 3: 2-phenoxyethanol

2004/42/EC (VOC):

Volatile organic compounds (VOC) in percentage by weight: 0%

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation):

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable
not applicableThis mixture contains the following substances of very high concern (SVHC) which are included in the
Candidate List according to Article 59 of REACH: noneThis mixture contains the following substances of very high concern (SVHC) which are subject to authorisation
according to Annex XIV of REACH: none**National regulatory information**

Water hazard class (D):

1 - slightly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

2-phenoxyethanol

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

2-n-butyl-benzo[d]isothiazol-3-one

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 1,3.

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 literatureCLP, 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)

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

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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)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
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 the present level of our knowledge. It does not, however, give assurance 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.)