

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 31-Jan-2022

Revision Number: 1

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

1.1. Product identifier

Product Name: Kluthe HP 500 Aktivreiniger
Article number: 041120330000

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

Product categories [PC]: PC35 - Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Supplier: conti coatings GmbH & Co. KG
Feldstrasse 55
D - 46149 Oberhausen
Telefon: +49 208/ 9948-0
Telefax: +49 208/ 650625
www.conticoatings.com

E-mail address: sds.ob@conticoatings.com

1.4. Emergency telephone number

Emergency Telephone: +49 177 / 214 4737 (24 h)

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Austria	+43 1 406 43 43 (Giftinformationszentrale)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Serious eye damage/eye irritation	Category 2 - (H319)
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2.2. Label elements



Signal word: Warning

Hazard statements:

H319 - Causes serious eye irritation.

Precautionary Statements - EU (§28, 1272/2008):

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children

SAFETY DATA SHEET

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Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear eye protection/ 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

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

aqueous mild alkaline solution, surfactants, additives

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	CAS No	EC No	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight-%
Propylene glycol monomethyl ether	107-98-2	203-539-1	01-2119457435-35	Flam. Liq. 3 (H226) STOT SE 3 (H336)	3 - < 5
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO)	69011-36-5	931-138-8	[7]	Acute Tox. 4 (H302) Eye Dam. 1 (H318)	1 - < 3
2-Propanol, 1-propoxy-	1569-01-3	216-372-4	01-2119474443-37	Flam. Liq. 3 (H226) Eye Irrit. 2 (H319)	1 - < 3

Acute Toxicity Estimate:

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Propylene glycol monomethyl ether 107-98-2	4016	13000	No data available	36.7	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO) 69011-36-5	500	5960	No data available	No data available	No data available
2-Propanol, 1-propoxy- 1569-01-3	2490	3550	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Full text of H- and EUH-phrases: see section 16

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Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice:	Show this safety data sheet to the doctor in attendance.
Inhalation:	Remove to fresh air.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact:	In the case of skin irritation or allergic reactions see a physician. Wash skin with soap and water.
Ingestion:	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider:	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

Symptoms: May cause redness and tearing of the eyes. Burning sensation.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire:	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media:	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical: No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Other information: Refer to protective measures listed in Sections 7 and 8.

For emergency responders: Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions: See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections: See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling



Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

General hygiene considerations: Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Other information: No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits:

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
Propylene glycol monomethyl ether 107-98-2	TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 568 mg/m ³ *	TWA: 100 ppm TWA: 370 mg/m ³	TWA: 375 mg/m ³ STEL: 563 mg/m ³ H*	TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 568 mg/m ³ vía dérmica*	TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³ Sk*	TWA: 375 mg/m ³ STEL: 568 mg/m ³ b*

Chemical name	France	Italy	Portugal	Finland	Denmark	Czech Republic
Propylene glycol monomethyl ether 107-98-2	TWA: 50 ppm TWA: 188 mg/m ³ STEL: 100 ppm STEL: 375 mg/m ³ *	TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 568 mg/m ³ cute*	TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 568 mg/m ³	TWA: 100 ppm TWA: 370 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³ iho*	TWA: 50 ppm TWA: 185 mg/m ³ H*	TWA: 270 mg/m ³ Ceiling: 550 mg/m ³ D*

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Propylene glycol monomethyl ether 107-98-2	TWA: 50 ppm TWA: 187 mg/m ³ STEL 50 ppm STEL 187 mg/m ³ Ceiling: 50 ppm Ceiling: 187 mg/m ³ H*	TWA: 100 ppm TWA: 360 mg/m ³ STEL: 200 ppm STEL: 720 mg/m ³	STEL: 360 mg/m ³ TWA: 180 mg/m ³ skóra*	TWA: 50 ppm TWA: 180 mg/m ³ STEL: 75 ppm STEL: 225 mg/m ³ H*	TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 568 mg/m ³	

Biological occupational exposure limits:

Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
Propylene glycol monomethyl ether 107-98-2	-	15 mg/L (urine - 1-Methoxypropan-2-ol end of shift) 15 mg/L - BAT (end of exposure or end of shift) urine			-	

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Propylene glycol monomethyl ether 107-98-2	-	20 mg/L - urine (1-Methoxypropanol-2) - end of shift	-	-	-	

Derived No Effect Level (DNEL):

component information:

Worker - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Propylene glycol monomethyl ether	369 mg/m ³	553.5 mg/m ³		553.5 mg/m ³
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO)	294 mg/m ³			
2-Propanol, 1-propoxy-	263 mg/m ³			

Worker - dermal:

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Propylene glycol monomethyl ether	183 mg/kg bw/day			
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO)	2080 mg/kg bw/day			
2-Propanol, 1-propoxy-	82.5 mg/kg bw/day			

Consumer - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Propylene glycol monomethyl ether	43.9 mg/m ³			
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO)	87 mg/m ³			
2-Propanol, 1-propoxy-	38 mg/m ³			

Consumer - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Propylene glycol monomethyl ether	78 mg/kg bw/day			
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO)	1250 mg/kg bw/day			
2-Propanol, 1-propoxy-	36 mg/kg bw/day			

consumer - oral:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Propylene glycol monomethyl ether	33 mg/kg bw/day			
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO)	25 mg/kg bw/day			
2-Propanol, 1-propoxy-	11 mg/kg bw/day			

Predicted No Effect Concentration (PNEC):

component information:

Chemical name	Propylene glycol monomethyl ether CAS: 107-98-2
Freshwater	10 mg/L
Marine water	1 mg/L
Freshwater (intermittent release)	100 mg/L
Sewage treatment	100 mg/L
Freshwater sediment	52.3 mg/kg sediment dw
Marine sediment	5.2 mg/kg sediment dw
Soil	4.59 mg/kg soil dw
Chemical name	Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-,

SAFETY DATA SHEET

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Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

	branched (> 2.5 EO) CAS: 69011-36-5
Freshwater	0.074 mg/L
Marine water	0.0074 mg/L
Freshwater (intermittent release)	0.015 mg/L
Sewage treatment	1.4 mg/L
Freshwater sediment	0.604 mg/kg sediment dw
Marine sediment	0.0604 mg/kg sediment dw
Soil	0.1 mg/kg soil dw
Chemical name	2-Propanol, 1-propoxy- CAS: 1569-01-3
Freshwater	0.1 mg/L
Marine water	0.01 mg/L
Freshwater (intermittent release)	1 mg/L
Sewage treatment	4 mg/L
Freshwater sediment	0.386 mg/kg sediment dw
Marine sediment	0.0386 mg/kg sediment dw
Soil	0.0185 mg/kg soil dw

8.2. Exposure controls

Engineering controls: None under normal use conditions.

Personal protective equipment: The usual precautionary measures for the handling of chemicals have to be observed.



Eye/face protection: If splashes are likely to occur, wear safety glasses with side-shields.

Hand protection: Wear suitable gloves.

PPE - Glove material	Glove thickness	Break through time
NBR (Nitrile rubber)	0.5 mm	>=480 min.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Recommended Filter Type: Filtering device (full mask or mouthpiec) with filter: AP-2

Environmental exposure controls: No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid
Color light yellow
Odor characteristic

Conditions Method Remarks

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Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

Melting point / melting range					Not established
Boiling point / boiling range					
Flammability					Not established
Decomposition temperature					not relevant
Flash point					Not established
Autoignition temperature					None known
Lower explosive limit					not relevant
Upper explosion limit					not relevant
Vapor pressure					Not established
Density	~	1.090	g/cm ³	20 °C	
Water solubility					Miscible
pH		10.3 - 11.3		20 °C	
pH (as aqueous solution)		7.1 - 8.1		20 °C	
Partition coefficient					solution (1 %)
Kinematic viscosity					Not established
Odor threshold					Not applicable
Relative density					Not established
Evaporation rate					Not established
Relative vapor density		no data available			
Particle Size		no data available			
Particle Size Distribution		no data available			

9.2. Other information

Bulk density:	no data available
Softening point	No information available
Molecular weight	No information available

9.2.1. Information with regard to physical hazard classes:

Explosive properties	Not an explosive
Oxidizing properties	Not oxidising.

9.2.2. Other safety characteristics: No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: No information available.

10.2. Chemical stability

Stability: Stable under normal conditions.

Explosion data:

Sensitivity to mechanical impact:	None.
Sensitivity to static discharge:	None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: None under normal processing.

10.4. Conditions to avoid

SAFETY DATA SHEET

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Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

Conditions to avoid: None known based on information supplied.

10.5. Incompatible materials

Incompatible materials: None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products: None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure:

Product Information:

- Inhalation: Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
- Eye contact: Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
- Skin contact: Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
- Ingestion: Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics:

Symptoms: May cause redness and tearing of the eyes.

Numerical measures of toxicity:

Acute toxicity: The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 11,060.10 mg/kg
ATEmix (dermal): 65,222.70 mg/kg
ATEmix (inhalation-vapor): 917.50 mg/l

Component Information:

Chemical name	Parameter	Species	effektive Dosis	Method
Propylene glycol monomethyl ether 107-98-2	Oral LD50	Rat	4016 mg/kg	
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO) 69011-36-5	Oral LD50	Rat	> 300 - 2000 mg/kg	
2-Propanol, 1-propoxy- 1569-01-3	Oral LD50	Rat	2490 mg/kg	

SAFETY DATA SHEET

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Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

Chemical name	Parameters	Species	Effective dose	Method
Propylene glycol monomethyl ether 107-98-2	Dermal LD50	Rabbit	> 2000 mg/kg	
2-Propanol, 1-propoxy- 1569-01-3	Dermal LD50	Rabbit	3550 mg/kg	

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Propylene glycol monomethyl ether 107-98-2	Inhalation LC50	Rat	36.7 mg/L	4 h	OECD 403
2-Propanol, 1-propoxy- 1569-01-3	Inhalation LC0	Rat	8.34 mg/L	4 h	

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Skin corrosion/irritation:	May cause skin irritation.
Serious eye damage/eye irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	No information available.
Germ cell mutagenicity:	No information available.
Carcinogenicity:	No information available.
Reproductive toxicity:	No information available.
STOT - single exposure:	No information available.
STOT - repeated exposure:	No information available.
Aspiration hazard:	No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information available.

11.2.2. Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity: The environmental impact of this product has not been fully investigated.

fish toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Propylene glycol monomethyl ether 107-98-2	LC50	Leuciscus idus	4600 - 10000 mg/L	96 h	DIN 38412

SAFETY DATA SHEET

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Revision date: 31-Jan-2022

Revision Number: 1

Kluthe HP 500 Aktivreiniger - 041120330000

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO) 69011-36-5	LC50	Cyprinus carpio	> 1 mg/L	96 h	OECD 203
2-Propanol, 1-propoxy-1569-01-3	LC50	Oncorhynchus mykiss	> 100 mg/L	96 h static	OECD 203

toxicity to crustacea:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Propylene glycol monomethyl ether 107-98-2	EC50	Daphnia magna	23300 mg/L	48 h	
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO) 69011-36-5	EC50	Daphnia magna	1 - 10 mg/L	48 h	OECD 202
2-Propanol, 1-propoxy-1569-01-3	LC50	Daphnia magna	> 100 mg/L	48 h	OECD 202

Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Propylene glycol monomethyl ether 107-98-2	EC50	Pseudokirchneriella subcapitata	> 1000 mg/L	7 d	OECD 201
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO) 69011-36-5	EC50	Desmodesmus subspicatus	> 1 mg/L	72 h	OECD 201
2-Propanol, 1-propoxy-1569-01-3	EC50	Pseudokirchneriella subcapitata	1466 mg/L	96 h	OECD 201

Bacteria toxicity:

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Propylene glycol monomethyl ether 107-98-2	EC50	activated sludge	> 1000 mg/L	3 h	
2-Propanol, 1-propoxy-1569-01-3	EC50	activated sludge	3800 mg/L	16 h	

12.2. Persistence and degradability

Persistence and degradability:

Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
Propylene glycol monomethyl ether 107-98-2	96 %	28 d	Yes	Aerobic biological treatment	

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 31-Jan-2022

Revision Number: 1

Kluthe HP 500 Aktivreiniger - 041120330000

Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO) 69011-36-5	> 60 %	28 d	Yes	Aerobic biological treatment	OECD 301 B
2-Propanol, 1-propoxy- 1569-01-3	91.5 %	28 d	Yes		OECD 301 A

12.3. Bioaccumulative potential

Bioaccumulation:

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Propylene glycol monomethyl ether 107-98-2	0.37	<2

12.4. Mobility in soil

Mobility in soil: No information available.

Mobility: No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment:

Chemical name	PBT and vPvB assessment
Propylene glycol monomethyl ether 107-98-2	The substance is not PBT / vPvB
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO) 69011-36-5	The substance is not PBT / vPvB
2-Propanol, 1-propoxy- 1569-01-3	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties.

No information available.

12.7. Other adverse effects.

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products: Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging: Do not reuse empty containers.

Waste codes / waste designations according to EWC / AVV: 07 06 01* (aqueous washing liquids and mother liquors)

SAFETY DATA SHEET

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Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

SECTION 14: Transport information

14.1. UN number

ADR:	Not regulated
RID:	Not regulated
IMDG:	Not regulated
IATA:	Not regulated

14.2 UN proper shipping name

ADR:	Not regulated
RID:	Not regulated
IMDG:	Not regulated
IATA:	Not regulated

14.3. Transport hazard class(es)

ADR:	Not regulated
RID:	Not regulated
IMDG:	Not regulated
IATA:	Not regulated

14.4. Packing group

ADR:	Not regulated
RID:	Not regulated
IMDG:	Not regulated
IATA:	Not regulated

14.5. Environmental hazards

ADR:	Not regulated
RID:	Not regulated
IMDG:	Not regulated
IATA:	Not regulated

14.6. Special precautions for user

ADR:	Not regulated
Special Provisions:	None
RID:	Not regulated
Special Provisions:	None
IMDG:	Not regulated
Special Provisions:	None
IATA:	Not regulated
Special Provisions:	None

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available

SECTION 15: Regulatory information

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

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

European Union:

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

- This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)
- This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants: Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

volatile organic compounds (VOC) content:

acc. reg. 2010/75/EG: 6.0 %

acc. reg. 2004/42/EG (Decopaint): 6.0 %

648/2004/ EU (DetVo):

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

Fragrances; < 5% Non-ionic surfactants; < 5% Phosphates

National regulations:

Denmark:

Chemical name	Denmark - MAL
2-Propanol, 1-propoxy- 1569-01-3	15 m3/10 g substance MAL factor >0 % by weight [1]

Germany:

Water hazard class (WGK): slightly hazardous to water (WGK 1) - Classification according to AwSV

Chemical name	WGK Classification (AwSV)	ID number
Propylene glycol monomethyl ether 107-98-2	1	1597
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (> 2.5 EO) 69011-36-5	1	9171
2-Propanol, 1-propoxy- 1569-01-3	1	8522

TA Luft (German Air Pollution Control Regulation):

total dust incl. fine dust (digit 5.2.1): < 5%

org. substances (Ziffer 5.2.5): 5 - 10%

org. subst. dust (digit 5.2.5): 5 - 10%

Storage class (TRGS 510): LGK12 - Non-combustible liquids

France:

SAFETY DATA SHEET

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Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

Revision Number: 1

Occupational Illnesses (R-463-3, France):

Chemical name	French RG number
Propylene glycol monomethyl ether 107-98-2	RG 84

RG 84 - Occupational conditions caused by liquid organic solvents

Netherlands:

Water contaminating class (Netherlands): B (4)

Austria:

Flammable Liquids Regulations, VbF: Not regulated

Switzerland:

VOC content:: acc. VOCV CH 814.018, att. 1: 4.0 %

International Inventories:

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report: No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet:

Full text of H-Statements referred to under section 3:

- H226 - Flammable liquid and vapor
- H290 - May be corrosive to metals
- H302 - Harmful if swallowed

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H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Legend:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
ADR: European agreement concerning the international carriage of dangerous goods by road
(Accord européen relatif transport des marchandises dangereuses par route)
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany)
BCF: Bio-Concentration Factor
BOD(5): Biochemical oxygen demand (within 5 days)
CAS: Chemical Abstract Service
CLP: Classification, Labelling and Packaging
CMR: Carcinogenic, Mutagenic, toxic for Reproduction
DIN: German Standards Institute / German industrial norm
DNEL: Derived No Effect Level
DOC: Dissolved organic carbon
EAK/ AVV: European waste catalogue/ waste directory-regulation
EC50: Effective Concentration 50%
ECHA: European Chemical Agency
EINECS: European Inventory of Existing Commercial Chemical Substances
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
IATA: International Air Transport Association
IC50: Inhibition Concentration 50%
IMDG: International Maritime Dangerous Goods Code
LC50: Lethal Concentration 50% - LD50: Lethal dose 50%
MAK: Treshold limit values Germany
NLP: No Longer Polymers
NOAEC: No Observed Adverse Effect Concentration
NOAEL: No Observed Adverse Effect Level
OECD: Organization for Economic Cooperation and Development
PBT: persistent, bioaccumulative, toxic
PC: Product category
PNEC: Predicted No Effect Concentration
REACH: Registration, Evaluation and Authorization of Chemicals
RID: Regulations concerning the international carriage of dangerous goods by rail
(Règlement International concernant le transport de marchandises dangereuses par chemin de fer)
STEL: Short-term Exposure Limit
STP: Sewage treatment plant
SVHC: Substance of Very High Concern
TLV: Threshold Limit Value
TWA: Time Weighted Average
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent, very bioaccumulative

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ceiling: Maximum limit value

* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method

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Revision date: 31-Jan-2022

Kluthe HP 500 Aktivreiniger - 041120330000

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Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS:

European Chemicals Agency (ECHA)

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGl(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

RTECS (Registry of Toxic Effects of Chemical Substances)

World Health Organization

Revision date: 31-Jan-2022

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006:

Disclaimer:

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End of Safety Data Sheet