

Page 1 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier

ആ

Motorbike Helminnenreiniger

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

Cleaning product Uses advised against: No information available at present.

1.3 Details of the supplier of the safety data sheet

LIQUI MOLY GmbH Jerg-Wieland-Str. 4 89081 Ulm-Lehr Tel.: (+49) 0731-1420-0 Fax: (+49) 0731-1420-88

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number Emergency information services / official advisory body:

Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (LMR) +1 872 5888271 (LMR)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP)

•••••••••••		
Hazard class	Hazard category	Hazard statement
Eye Irrit.	2	H319-Causes serious eye irritation.
Aerosol	1	H222-Extremely flammable aerosol.
Aerosol	1	H229-Pressurised container: May burst if heated.

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)



Page 2 of 20

œ

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger



Danger

H319-Causes serious eye irritation. H222-Extremely flammable aerosol. H229-Pressurised container: May burst if heated.

P101-If medical advice is needed, have product container or label at hand. P102-Keep out of reach of children. P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211-Do not spray on an open flame or other ignition source. P251-Do not pierce or burn, even after use. P280-Wear eye 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. P410+P412-Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

EUH208-Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.

Without adequate ventilation, formation of explosive mixtures may be possible.

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any substance with endocrine disrupting properties (< 0,1 %).

SECTION 3: Composition/information on ingredients

Aerosol

3.1 Substances

n.a. **3.2 Mixtures**

Propan-2-ol	
Registration number (REACH)	01-2119457558-25-XXXX
Index	603-117-00-0
EINECS, ELINCS, NLP, REACH-IT List-No.	200-661-7
CAS	67-63-0
content %	5-10
Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	Flam. Liq. 2, H225
	Eye Irrit. 2, H319
	STOT SE 3, H336
	·

Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16	
(even numbered)-alkene, sodium salts	
Registration number (REACH)	01-2119513401-57-XXXX
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	931-534-0
CAS	(68439-57-6)
content %	1-<5
Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	Skin Irrit. 2, H315
	Eye Dam. 1, H318
Specific Concentration Limits and ATE	Skin Irrit. 2, H315: >=5 %
	Eye Dam. 1, H318: >=38 %
	Eye Irrit. 2, H319: >=5 %
	Eye Init. 2, H319: >=5 %



Page 3 of 20

ആ

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

(R)-p-mentha-1,8-diene	
Registration number (REACH)	01-2119529223-47-XXXX
Index	601-096-00-2
EINECS, ELINCS, NLP, REACH-IT List-No.	227-813-5
CAS	5989-27-5
content %	0,1-<0,25
Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	Flam. Liq. 3, H226
	Skin Irrit. 2, H315
	Skin Sens. 1B, H317
	Asp. Tox. 1, H304
	Aquatic Acute 1, H400 (M=1)
	Aquatic Chronic 3, H412

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

Typically no exposure pathway. Rinse the mouth thoroughly with water. Give copious water to drink - consult doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. The following may occur: Irritation of the eyes Irritation of the respiratory tract Coughing Headaches Nausea Effects/damages the central nervous system Narcotic effect. With long-term contact: Dermatitis (skin inflammation) Drying of the skin. Other dangerous properties cannot be ruled out. In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours. **4.3 Indication of any immediate medical attention and special treatment needed**

SECTION 5: Firefighting measures

n.c.

5.1 Extinguishing media

Suitable extinguishing media

Water jet spray/foam/CO2/dry extinguisher



Page 4 of 20

ആ

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

Unsuitable extinguishing media

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop: Oxides of carbon Toxic gases Danger of bursting (explosion) when heated Explosive vapour/air or gas/air mixtures.

5.3 Advice for firefighters

For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition.

Avoid dust formation with solid or powder products.

Leave the danger zone if possible, use existing emergency plans if necessary.

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

6.1.2 For emergency responders

See section 8 for suitable protective equipment and material specifications.

6.2 Environmental precautions

Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous.

Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods and material for containment and cleaning up

If spray or gas escapes, ensure ample fresh air is available.

Without adequate ventilation, formation of explosive mixtures may be possible. Active substance:

Soak up with absorbent material (e.g. universal binding agent) and dispose of according to Section 13.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations Ensure good ventilation.

Keep away from sources of ignition - Do not smoke. Take measures against electrostatic charging, if appropriate.

Do not use on hot surfaces.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.



Page 5 of 20

œ

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals. Not to be stored in gangways or stair wells. Store product closed and only in original packing. Do not store with oxidizing agents. Observe special regulations for aerosols! Observe special storage conditions. Observe special storage conditions. Keep protected from direct sunlight and temperatures over 50°C. Store in a well ventilated place.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Chemical Name	Propan-2-ol				Co	ntent %:5-10		
WEL-TWA: 400 ppm (99		EL-STEL: 500 ppm (125						
Monitoring procedures:		- Draeger - Alcohol 25/a i-Propanol (81 01 631)						
		ur - KITA-122 SA(C) (549						
		- Compur - KITA-150 U (550 382)						
		D) (Loesungsmittelgemis			tures 6) - 2013,	2002 - EU		
		t BC/CEN/ENTR/000/200		2004)				
		H 1400 (ALCOHOLS I) - 1						
		H 2549 (VOLATILE ORG		NDS (SCRE	EENING)) - 199	6		
	- Draeg	er - Alcohol 100/a (CH 29						
BMGV:			Other infor	mation:	-			
Chemical Name	Butane					Content %:		
WEL-TWA: 600 ppm (14		EL-STEL: 750 ppm (181						
Monitoring procedures:		ur - KITA-221 SA (549 45						
	- OSHA	NPV2010 (n-Butane) - 199						
BMGV:			Other infor	mation:	-			
Chemical Name	Propane					Content %:		
WEL-TWA: 1000 ppm (A	ACGIH) WE	EL-STEL:						
Monitoring procedures:	- Comp	ur - KITA-125 SA (549 95	4)					
	- OSHA	PV2077 (Propane) - 199	0					
BMGV:	- OSHA	A PV2077 (Propane) - 199	Other infor	mation:	-			
Propan-2-ol			Other infor					
	Exposure route /	Effect on health		mation:	Unit	Note		
Propan-2-ol	Exposure route / Environmental		Other infor			Note		
Propan-2-ol	Exposure route / Environmental compartment		Other infor	Value	Unit	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater		Other infor	Value 140,9	Unit mg/l	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine		Other inform	Value 140,9 140,9	Unit mg/l mg/l	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater		Other infor	Value 140,9	Unit mg/l	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment,		Other inform	Value 140,9 140,9	Unit mg/l mg/l	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment, freshwater Environment - sediment, marine		Other inform Descriptor PNEC PNEC PNEC PNEC	Value 140,9 140,9 552 552	Unit mg/l mg/kg dw mg/kg dw	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment, freshwater Environment - sediment, marine Environment - soil		Other inform	Value 140,9 140,9 552 552 28	Unit mg/l mg/kg dw mg/kg dw mg/kg dw	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment, freshwater Environment - sediment, marine Environment - soil Environment - sewage		Other inform Descriptor PNEC PNEC PNEC PNEC	Value 140,9 140,9 552 552	Unit mg/l mg/kg dw mg/kg dw	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment, freshwater Environment - sediment, marine Environment - soil Environment - sewage treatment plant		Other inform	Value 140,9 140,9 552 552 28 2251	Unit mg/l mg/kg dw mg/kg dw mg/kg dw mg/l	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment, freshwater Environment - sediment, marine Environment - soil Environment - soil Environment - sewage treatment plant Environment - water,		Other inform	Value 140,9 140,9 552 552 28	Unit mg/l mg/kg dw mg/kg dw mg/kg dw	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment, freshwater Environment - sediment, marine Environment - soil Environment - soil Environment - sevage treatment plant Environment - water, sporadic (intermittent)		Other inform	Value 140,9 140,9 552 552 28 2251	Unit mg/l mg/kg dw mg/kg dw mg/kg dw mg/l	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment, freshwater Environment - sediment, marine Environment - soil Environment - soil Environment - sewage treatment plant Environment - water, sporadic (intermittent) release		Other inform	Value 140,9 140,9 552 552 28 2251 140,9	Unit mg/l mg/kg dw mg/kg dw mg/kg dw mg/l mg/l	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment, freshwater Environment - sediment, freshwater Environment - sediment, marine Environment - soil Environment - soil Environment - soil Environment - sewage treatment plant Environment - water, sporadic (intermittent) release Environment - oral (animal feed)		Other inform	Value 140,9 140,9 552 552 28 2251	Unit mg/l mg/kg dw mg/kg dw mg/kg dw mg/l	Note		
Propan-2-ol	Exposure route / Environmental compartment Environment - freshwater Environment - marine Environment - sediment, freshwater Environment - sediment, marine Environment - soil Environment - soil Environment - soil Environment - soil Environment - sewage treatment plant Environment - water, sporadic (intermittent) release Environment - oral (animal		Other inform	Value 140,9 140,9 552 552 28 2251 140,9	Unit mg/l mg/kg dw mg/kg dw mg/kg dw mg/l mg/l	Note		



Page 6 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

ആ

Consumer	Human - inhalation	Long term, systemic effects	DNEL	89	mg/m3
Consumer	Human - oral	Long term, systemic effects	DNEL	26	mg/kg bw/day
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	888	mg/kg bw/day
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	500	mg/m3

Area of application	Exposure route /	Effect on health	Descriptor	Value	Unit	Note
	Environmental					
	compartment					
	Environment - freshwater		PNEC	0,024	mg/l	
	Environment - marine		PNEC	0,002	mg/l	
	Environment - water,		PNEC	0,02	mg/l	
	sporadic (intermittent)					
	release					
	Environment - sediment,		PNEC	0,767	mg/kg dw	
	freshwater		_	-, -	3 3 4	
	Environment - sediment,		PNEC	0.077	mg/kg dw	
	marine		_	- / -	3 3 4	
	Environment - soil		PNEC	1,21	mg/kg dw	
	Environment - sewage		PNEC	4	mg/l	
	treatment plant					
Consumer	Human - dermal	Long term, systemic	DNEL	1295	mg/kg	
		effects			bw/day	
Consumer	Human - inhalation	Long term, systemic	DNEL	45,04	mg/m3	
		effects				
Consumer	Human - oral	Long term, systemic	DNEL	12,95	mg/kg	
		effects			bw/day	
Workers / employees	Human - dermal	Long term, systemic	DNEL	2158,33	mg/kg	
		effects			bw/day	
Workers / employees	Human - inhalation	Long term, systemic	DNEL	152,2	mg/m3	
		effects			-	

Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	14	µg/l	
	Environment - marine		PNEC	1,4	µg/l	
	Environment - sewage treatment plant		PNEC	1,8	mg/l	
	Environment - sediment, freshwater		PNEC	3,85	mg/kg dry weight	
	Environment - sediment, marine		PNEC	0,3851	mg/kg dry weight	
	Environment - soil		PNEC	0,763	mg/kg dry weight	
	Environment - oral (animal feed)		PNEC	133	mg/kg	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

(8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE).
(11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).
(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through



Page 7 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

skin. Carc = Capable of causing cancer and/or heritable genetic damage.

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).

8.2 Exposure controls 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. EN 14042.

EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

ആ

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection: Protective nitrile gloves (EN ISO 374). Minimum layer thickness in mm: >= 0.35

Permeation time (penetration time) in minutes:

<= 480 Protective hand cream recommended.

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection: Normally not necessary. If OES or MEL is exceeded. Gas mask filter A (EN 14387), code colour brown At high concentrations: Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138) Observe wearing time limitations for respiratory protection equipment.

Thermal hazards: Not applicable

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties



Page 8 of 20

œ

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

9.1 Information on basic physical and chemical properties

Physical state: Aerosol. Active substance: liquid. Colourless, Clear Colour: Odour: Characteristic Melting point/freezing point: There is no information available on this parameter. Boiling point or initial boiling point and boiling range: There is no information available on this parameter. Flammability: Does not apply to aerosols. Lower explosion limit: There is no information available on this parameter. Upper explosion limit: There is no information available on this parameter. Flash point: Does not apply to aerosols. Auto-ignition temperature: 365 °C Decomposition temperature: There is no information available on this parameter. pH: There is no information available on this parameter. Kinematic viscosity: Does not apply to aerosols. Soluble Solubility: Partition coefficient n-octanol/water (log value): Does not apply to mixtures. 4300 hPa (20°C) Vapour pressure: Density and/or relative density: 0,91 g/ml (20°C) Relative vapour density: Vapours heavier than air. Particle characteristics: Does not apply to aerosols. 9.2 Other information Product is not explosive. When using: development of explosive Explosives: vapour/air mixture possible. Oxidising liquids: No Evaporation rate: n.a. Bulk density: n.a.

SECTION 10: Stability and reactivity

10.1 Reactivity The product has not been tested. 10.2 Chemical stability Stable with proper storage and handling. 10.3 Possibility of hazardous reactions No dangerous reactions are known. 10.4 Conditions to avoid Heating, open flame, ignition sources Pressure increase will result in danger of bursting. 10.5 Incompatible materials Avoid contact with oxidizing agents. 10.6 Hazardous decomposition products

No decomposition when used as directed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Possibly more information on health effects, see Section 2.1 (classification).

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	ATE	>2000	mg/kg			calculated value
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:	ATE	>20	mg/l/4h			calculated value,
			_			Vapours
Acute toxicity, by inhalation:	ATE	>5	mg/l/4h			calculated value,
			_			Aerosol
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin						n.d.a.
sensitisation:						



B Page 9 of 20

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

Germ cell mutagenicity:		n.d.a.
Carcinogenicity:		n.d.a.
Reproductive toxicity:		n.d.a.
Specific target organ toxicity -		n.d.a.
single exposure (STOT-SE):		
Specific target organ toxicity -		n.d.a.
repeated exposure (STOT-RE):		
Aspiration hazard:		n.d.a.
Symptoms:		n.d.a.

Propan-2-ol					-	
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	4570-5840	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	12800-13900	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	> 25	mg/l/6h	Rat	OECD 403 (Acute Inhalation Toxicity)	Vapours
Acute toxicity, by inhalation:	LC50	46600	mg/l/4h	Rat		Aerosol
Skin corrosion/irritation:		40000		Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Eye Irrit. 2
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	No (skin contact)
Germ cell mutagenicity:				Salmonella typhimurium	OECD 471 (Bacterial Reverse Mutation Test)	Negative
Germ cell mutagenicity:				Mouse	OECD 474 (Mammalian Erythrocyte Micronucleus Test)	Negative
Germ cell mutagenicity:					OECD 476 (In Vitro Mammalian Cell Gene Mutation Test)	Negative
Germ cell mutagenicity:				Salmonella typhimurium	(Ames-Test)	Negative
Carcinogenicity:						Negative
Specific target organ toxicity - single exposure (STOT-SE):						STOT SE 3, H336
Specific target organ toxicity - repeated exposure (STOT-RE):						Target organ(s): liver
Aspiration hazard:						No
Symptoms:						breathing difficulties, unconsciousness, vomiting, headaches, fatigue, dizziness, nausea, eyes, reddened, watering eyes
Specific target organ toxicity - repeated exposure (STOT-RE), oral:	NOAEL	900	mg/kg	Rat	OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)	
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	NOAEL	5000	ppm	Rat	,	Vapours (OECD 451)
Sulfonic acids, C14-16 (even nu	umbered)-alka	ane hydroxy and	C14-16 (eve	n numbered)-alk	ene, sodium salts	
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	



Page 10 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

œ.

Acute toxicity, by dermal route:	LD50	6300	mg/kg	Rabbit	OECD 402 (Acute	
, louio loxioly, by domai rodio.	2200	0000	ing/ing	Rabbit	Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	>52	mg/l/4h	Rat	OECD 403 (Acute	
·····			J. C		Inhalation Toxicity)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute	Skin Irrit. 2
					Dermal	
					Irritation/Corrosion)	
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye	Eye Dam. 1
					Irritation/Corrosion)	
Respiratory or skin				Guinea pig	OECD 406 (Skin	Not sensitizising
sensitisation:					Sensitisation)	
Germ cell mutagenicity:					OECD 471 (Bacterial	Negative
					Reverse Mutation Test)	
Germ cell mutagenicity:					OECD 473 (In Vitro	Negative
					Mammalian	
					Chromosome	
					Aberration Test)	
Carcinogenicity:						Negative
Reproductive toxicity:	NOAEL	2	mg/kg	Mouse	OECD 414 (Prenatal	
					Developmental Toxicity	
					Study)	
Aspiration hazard:						No
Specific target organ toxicity -	NOAEL	259	mg/kg	Rat		2a
repeated exposure (STOT-RE),						
oral:						

(R)-p-mentha-1,8-diene Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	> 2000		Rat		Female
Acute toxicity, by oral route.	LD50	> 2000	mg/kg	Rai	OECD 423 (Acute Oral Toxicity - Acute Toxic	remale
		5000		Det	Class Method)	
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat	OECD 401 (Acute Oral	
		5000		Databit	Toxicity)	
Acute toxicity, by dermal route:	LD50	>5000	mg/kg	Rabbit	OECD 402 (Acute	
					Dermal Toxicity)	
Skin corrosion/irritation:				Rabbit		Skin Irrit. 2
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye	Not irritant
					Irritation/Corrosion)	
Respiratory or skin				Mouse	OECD 429 (Skin	Skin Sens. 1B
sensitisation:					Sensitisation - Local	
					Lymph Node Assay)	
Respiratory or skin				Mouse	OECD 429 (Skin	Skin Sens. 1
sensitisation:					Sensitisation - Local	
					Lymph Node Assay)	
Germ cell mutagenicity:				Mouse	OECD 476 (In Vitro	Negative
					Mammalian Cell Gene	
					Mutation Test)	
Germ cell mutagenicity:					OECD 479 (Genetic	Negative
3					Toxicology - In Vitro	Chinese hamster
					Sister Chromatid	
					Exchange assay in	
					Mammalian Cells)	
Germ cell mutagenicity:					OECD 473 (In Vitro	Negative
					Mammalian	Chinese hamster
					Chromosome	
					Aberration Test)	
Germ cell mutagenicity:				Salmonella	OECD 471 (Bacterial	Negative
com con matagomony.				typhimurium	Reverse Mutation Test)	



B Page 11 of 20

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

Symptoms:			diarrhoea, rash,
			itching,
			gastrointestinal
			disturbances,
			mucous
			membrane
			irritation, nausea
			and vomiting.
Symptoms:			diarrhoea, rash,
			itching,
			gastrointestinal
			disturbances,
			mucous
			membrane
			irritation, nausea
			and vomiting.

Butane										
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes				
Acute toxicity, by inhalation:	LC50	658	mg/l/4h	Rat						
Germ cell mutagenicity:				Salmonella	OECD 471 (Bacterial	Negative				
				typhimurium	Reverse Mutation Test)					
Germ cell mutagenicity:					OECD 473 (In Vitro	Negative				
					Mammalian					
					Chromosome					
					Aberration Test)					
Germ cell mutagenicity:				Human being	OECD 473 (In Vitro	Negative				
					Mammalian					
					Chromosome					
					Aberration Test)					
Germ cell mutagenicity:				Rat	OECD 474 (Mammalian	Negative				
					Erythrocyte					
					Micronucleus Test)					
Aspiration hazard:						No				
Symptoms:						ataxia, breathing				
						difficulties,				
						drowsiness,				
						unconsciousnes				
						, frostbite,				
						disturbed heart				
						rhythm,				
						headaches,				
						cramps,				
						intoxication,				
						dizziness,				
						nausea and				
<u> </u>						vomiting.				
Specific target organ toxicity -	NOAEL	21,394	mg/l	Rat	OECD 422 (Combined					
repeated exposure (STOT-RE),					Repeated Dose Tox.					
inhalat.:					Study with the					
					Reproduction/Developm.					
					Tox. Screening Test)					

Propane											
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes					
Acute toxicity, by inhalation:	LC50	658	mg/l/4h	Rat							
Acute toxicity, by inhalation:	LC50	260000	ppmV/4h	Rat		Gasses, Male, Analogous conclusion					
Skin corrosion/irritation:						Not irritant					
Serious eye damage/irritation:						Not irritant					



Page 12 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

œ)

Germ cell mutagenicity:					OECD 473 (In Vitro Mammalian Chromosome Aberration Test)	Negative
Germ cell mutagenicity:				Salmonella typhimurium	OECD 471 (Bacterial Reverse Mutation Test)	Negative
Reproductive toxicity (Developmental toxicity):	NOAEC	21,641	mg/l		OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developm. Tox. Screening Test)	
Aspiration hazard:					x <i>i</i>	No
Symptoms:						breathing difficulties, unconsciousness , frostbite, headaches, cramps, mucous membrane irritation, dizziness, nausea and vomiting.
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	NOAEL	7,214	mg/l	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developm. Tox. Screening Test)	
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	LOAEL	21,641	mg/l	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developm. Tox. Screening Test)	

11.2. Information on other hazards

Motorbike Helminnenreiniger										
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes				
Endocrine disrupting properties:						Does not apply				
						to mixtures.				
Other information:						No other				
						relevant				
						information				
						available on				
						adverse effects				
						on health.				

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes					
12.1. Toxicity to fish:							n.d.a.					
12.1. Toxicity to daphnia:							n.d.a.					
12.1. Toxicity to algae:							n.d.a.					



Safety data sheet accord Revision date / version: (Replacing version dated Valid from: 01.11.2021	01.11.2021 / 001	5					
PDF print date: 01.11.202 Motorbike Helminnenrein							
	liger						
12.2. Persistence and degradability:							The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent
12.3. Bioaccumulative							manufacturer. n.d.a.
potential:							11.u.a.
12.4. Mobility in soil:							Product is slightly volatile.
12.5. Results of PBT and vPvB assessment							n.d.a.
12.6. Endocrine disrupting properties: 12.7. Other adverse effects:							Does not apply to mixtures. No information available on other adverse effects on the
Other information:							environment. According to the recipe, contains no AOX.
Propan-2-ol							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.3. Bioaccumulative	BCF		3,2				Low
potential:							
12.1. Toxicity to fish:	LC50	96h	>100	mg/l	Leuciscus idus		
12.1. Toxicity to fish:	LC50	96h	1400	mg/l	Lepomis macrochirus		
12.1. Toxicity to daphnia:	EC50	48h	2285	mg/l	Daphnia magna		
12.1. Toxicity to daphnia:	EC50	16d	141	mg/l	Daphnia magna		
12.1. Toxicity to algae:	EC50	72h	>100	mg/l	Desmodesmus subspicatus		
12.2. Persistence and degradability:		21d	95	%		OECD 301 E (Ready Biodegradability - Modified OECD Screening Test)	Readily biodegradable
12.2. Persistence and degradability:			99,9	%		OECD 303 A (Simulation Test - Aerobic Sewage Treatment - Activated Sludge Units)	Readily biodegradable



Slight

OECD 107

(Partition Coefficient (noctanol/water) -

Page 14 of 20 Safety data sheet accordin Revision date / version: 07 Replacing version dated / Valid from: 01.11.2021 PDF print date: 01.11.202 Motorbike Helminnenreini	I.11.2021 / 0015 version: 22.04.20 1	,	7/2006, Ann	ex II	
12.3. Bioaccumulative potential:	Log Pow		0,05		
12.4 Mobility in soil	Koc		11		

œ

						oolariol, water)	
						Shake Flask	
						Method)	
12.4. Mobility in soil:	Koc		1,1				Expert
							judgement
12.5. Results of PBT							No PBT
and vPvB assessment							substance, No
							vPvB substance
Toxicity to bacteria:	EC50		>1000	mg/l	activated sludge		
Toxicity to bacteria:	EC10	16h	1050	mg/l	Pseudomonas		
					putida		
Other information:	ThOD		2,4	g/g			
Other information:	BOD5		53	%			
Other information:	COD		96	%			References
Other information:	COD		2,4	g/g			
Other information:	BOD		1171	mg/g			

Sulfonic acids, C14-16 (e Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to bacteria:	IC50	3h	230	mg/l	activated sludge	OECD 209	Notes
						(Activated Sludge,	
						Respiration	
						Inhibition Test	
						(Carbon and Ammonium	
						Oxidation))	
12.1. Toxicity to fish:	LC50	96h	4,2	mg/l	Brachydanio rerio	OECD 203 (Fish,	
12.1. TOxicity to lish.	2030	3011	4,2	ing/i	Brachydanio reno	Acute Toxicity	
						Test)	
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	6,3	mg/l	Daphnia magna	OECD 211	
	NOLO/NOLL	210	0,0	iiig/i	Daprina magna	(Daphnia magna	
						Reproduction Test)	
12.1. Toxicity to daphnia:	EC50	48h	4,53	mg/l	Ceriodaphnia	OECD 202	
			.,		spec.	(Daphnia sp.	
						Acute	
						Immobilisation	
						Test)	
12.1. Toxicity to algae:	EC50	72h	5,2	mg/l	Skeletonema	OECD 201 (Alga,	
				-	costatum	Growth Inhibition	
						Test)	
12.1. Toxicity to algae:	NOEC/NOEL	72h	3,2	mg/l	Skeletonema	ISO 10253	
					costatum		
12.1. Toxicity to algae:	NOEC/NOEL	72h	3,2	mg/l	Phaeodactylum	ISO 10253	
					tricornutum		
12.2. Persistence and		28d	92	%		OECD 306	Readily
degradability:						(Biodegradability	biodegradable
				21		in Seawater)	
12.2. Persistence and		28d	81-94	%		OECD 301 B	Readily
degradability:						(Ready	biodegradable
						Biodegradability -	
						Co2 Evolution	
12.3. Bioaccumulative	BCF		70,8			Test)	
potential:	-						
12.3. Bioaccumulative	Log Pow		-1,3				20°C
potential:							
12.5. Results of PBT							No PBT
and vPvB assessment							substance, No
							vPvB substan



Page 15 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger EC10 Toxicity to bacteria: 3h 40 mg/l activated sludge **OECD 209** (Activated Sludge, Respiration Inhibition Test (Carbon and Àmmonium Oxidation)) Water solubility: 292 g/l Soluble20°C (R)-p-mentha-1,8-diene Toxicity / effect Time Unit Test method Endpoint Value Organism Notes 12.3. Bioaccumulative Log Kow 4,38 **OECD 117** 37 °C, pH = 7.2 potential: (Partition Coefficient (noctanol/water) -HPLC method) Other information: Does not contain any organically bound halogens which can contribute to the AOX value in waste water. 96h 0,70 OECD 203 (Fish, 12.1. Toxicity to fish: LC50 mg/l Pimephales , promelas Acute Toxicity Test) EC50 48h 0,307-Daphnia magna OEĆD 202 12.1. Toxicity to daphnia: mg/l 0,42 (Daphnia sp. Acute Immobilisation Test) 12.1. Toxicity to algae: ErC50 72h 0,214mg/l Pseudokirchneriell OECD 201 (Alga, Growth Inhibition 0.32 a subcapitata Test) 12.1. Toxicity to algae: NOEC/NOEL 96h 4 mg/l OECD 301 D 12.2. Persistence and 28d 80-92 Readily % degradability: (Ready biodegradable Biodegradability -Closed Bottle Test) 12.2. Persistence and 28d 71 % OECD 301 B Readilv degradability: (Ready biodegradable Biodegradability -Co2 Evolution Test) 12.4. Mobility in soil: Adsorption in ground. 12.5. Results of PBT No PBT and vPvB assessment substance, No vPvB substance

œ

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LC50	96h	24,11	mg/l		QSAR	
12.1. Toxicity to daphnia:	LC50	48h	14,22	mg/l		QSAR	
12.3. Bioaccumulative potential:	Log Pow		2,98				A notable biological accumulation potential is not to be expected (LogPow 1-3).
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance



Page 16 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

Propane Toxicity / effect Endpoint Time Value Unit Organism Test method Notes 12.3. Bioaccumulative Log Pow A notable 2.28 potential: biological accumulation potential is not to be expected (LogPow 1-3). No PBT 12.5. Results of PBT and vPvB assessment substance. No vPvB substance

SECTION 13: Disposal considerations

13.1 Waste treatment methods For the substance / mixture / residual amounts

EC disposal code no.:

œ

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

16 05 04 gases in pressure containers (including halons) containing hazardous substances Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

Take full aerosol cans to problem waste collection.

Take emptied aerosol cans to valuable material collection.

For contaminated packing material

Pay attention to local and national official regulations.

Recommendation:

Do not perforate, cut up or weld uncleaned container.

15 01 04 metallic packaging

15 01 10 packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

General statements 14.1. UN number or ID number: Transport by road/by rail (ADR/RID)	1950	
14.2. UN proper shipping name: UN 1950 AEROSOLS		
14.3. Transport hazard class(es):	2.1	
14.4. Packing group:	-	-
Classification code:	5F	
LQ:	1 L	
14.5. Environmental hazards:	Not applicable	
Tunnel restriction code:	D	
Transport by sea (IMDG-code)		
14.2. UN proper shipping name:		
AEROSOLS		
14.3. Transport hazard class(es):	2.1	
14.4. Packing group:	-	•
EmS:	F-D, S-U	
Marine Pollutant:	n.a	
14.5. Environmental hazards:	Not applicable	
Transport by air (IATA)		
14.2. UN proper shipping name:		
Aerosols, flammable		
14.3. Transport hazard class(es):	2.1	
14.4. Packing group:	-	▼
14.5. Environmental hazards:	Not applicable	



Page 17 of 20

ആ

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

14.6. Special precautions for user

Persons employed in transporting dangerous goods must be trained. All persons involved in transporting must observe safety regulations. Precautions must be taken to prevent damage.

14.7. Maritime transport in bulk according to IMO instruments

Freighted as packaged goods rather than in bulk, therefore not applicable. Minimum amount regulations have not been taken into account. Danger code and packing code on request. Comply with special provisions.

SECTION 15: Regulatory information

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

Observe restrictions:

Comply with national regulations/laws governing the protection of young people at work (national implementation of the Directive 94/33/EC)! Comply with national regulations/laws governing maternity protection (national implementation of the Directive 92/85/EEC)! Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

Hazard categories	Notes to Annex I	Qualifying quantity (tonnes) of	Qualifying quantity (tonnes) of
		dangerous substances as	dangerous substances as
		referred to in Article 3(10) for the	referred to in Article 3(10) for the
		application of - Lower-tier	application of - Upper-tier
		requirements	requirements
P3a	11.1	150 (netto)	500 (netto)

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 2 - This product contains the substances listed below:

DIICOUVO 2012/10/20 (00V	000 m /, / minox i, i uit 2 i i ii	s produot contains the substa		
Entry Nr	Dangerous substances	Notes to Annex I	Qualifying quantity	Qualifying quantity
			(tonnes) for the	(tonnes) for the
			application of - Lower-tier	application of - Upper-tier
			requirements	requirements
18	Liquefied flammable	19	50	200
	gases, Category 1 or 2			
	(including LPG) and			
	natural gas			

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC): **REGULATION (EC) No 648/2004**

5 % or over but less than 15 % aliphatic hydrocarbons less than 5 % anionic surfactants

perfumes LIMONENE

Observe incident regulations.

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

19,03 %



Page 18 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

Employee training in handling dangerous goods is required. These details refer to the product as it is delivered. Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Eye Irrit. 2, H319	Classification according to calculation procedure.
Aerosol 1, H222	Classification according to calculation procedure.
Aerosol 1, H229	Classification based on the form or physical state.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H317 May cause an allergic skin reaction. H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

ആ

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

Eye Irrit. — Eye irritation Aerosol — Aerosols Flam. Liq. — Flammable liquid STOT SE — Specific target organ toxicity - single exposure - narcotic effects Skin Irrit. — Skin irritation Eye Dam. — Serious eye damage Skin Sens. — Skin sensitization Asp. Tox. — Aspiration hazard Aquatic Acute — Hazardous to the aquatic environment - acute Aquatic Chronic — Hazardous to the aquatic environment - chronic

Key literature references and sources for data:

Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended.

Guidelines for the preparation of safety data sheets as amended (ECHA).

Guidelines on labelling and packaging according to the Regulation (EG) Nr. 1272/2008 (CLP) as amended (ECHA).

Safety data sheets for the constituent substances.

ECHA Homepage - Information about chemicals.

GESTIS Substance Database (Germany).

German Environment Agency "Rigoletto" information site on substances that are hazardous to water (Germany).

EU Occupation Exposure Limits Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831, each as amended.

National Lists of Occupational Exposure Limits for each country as amended.

Regulations on the transport of hazardous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

Any abbreviations and acronyms used in this document:

acc., acc. to according, according to ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road) AOX Adsorbable organic halogen compounds approx. approximately Art., Art. no. Article number ASTM ASTM International (American Society for Testing and Materials)



Page 19 of 20 Strey data becarding to Regulation (EC) No 1907/2006, Annex II Revision data / version: 01.11.2021 / 0015 Revision data / version: 01.11.2021 / 0015 Witchtke Helminnenerhinger ATE Acute Toxicity Estimate BAM Bunchessmath für Meteriathrachung und -prüfung (Federal Institute for Materiate Research and Testing, Garmany) BAM Bunchessmath für Meteriathrachung und -prüfung (Federal Institute for Materiate Research and Testing, Garmany) BAM Bunchessmath für Meteriathrachung und -prüfung (Federal Institute for Materiate Research and Testing, Garmany) BAM Bunchessmath für Meteriathrachung und -prüfung (Federal Institute for Materiate Research and Testing, Garmany) BAM Bunchessmath für Meteriathrachung und -prüfung (Federal Institute for Materiate Research and Testing, Garmany) BAM Bunchessmath für Meteriathrachung und -prüfung (Federal Institute for Materiate Research and Testing, Garmany) BAM Bunchessmathrachung und -prüfung (Federal Institute for Materiate Research and Testing, Garmany) BAM Bunchessmathrachung und -prüfung (Federal Institute for Materiate Research and Testing, Garmany) BAM Bunchessmathrachung und -prüfung (Federal Institute for Materiate Research and Testing, Garmany) BAM Bunchessmathrachung und Prüfung (Federal Institute for Materiate Research and Tes	- @
Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Mondrike Heliminenerings ATE Acute Tosticly Estimate BAM Bundesstate fit Materialbrachung und-profung (Federal Institute for Occupational Health and Safety, Germany) BAA Bundesstate fit Materialbrachung und-profung (Federal Institute for Occupational Health and Safety, Germany) BAA Bundesstate fit Materialbrachung und-profung (Federal Institute for Occupational Health and Safety, Germany) BAA Bundesstate fit Materialbrachung und-profung (Federal Institute for Occupational Health and Safety, Germany) BAA Bundesstate fit Materialbrachung und -profung (Federal Institute for Occupational Health and Safety, Germany) BAA Bundesstate fit Materialbrachung (Federal Institute for Occupational Health and Safety, Germany) BAA Bundesstate fit Materialbrachung (Federal Institute for Occupational Health and Safety, Germany) BAA Bundesstate fit Materialbrachung (Federal Institute for Cacupational Health and Safety, Germany) BAA Cassification, Labeling and Paokaging of Substances DWE Derived Mondesstate Level DWE Derived Mondesstate Level DVAH Levels (a 10.60, 00, 00) ECK, ECK, ELK (x 10	Page 19 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
PDP print date: 01.11.2021 Matchike Herminneneringer ATE Acute Toxicity Estimate ARM Bundessnatating for Materialtorschung und -prüfung (Federal Institute for Materialts Research and Testing, Germany) BAM Bundessnatating for Materialtorschung und -prüfung (Federal Institute for Occupational Health and Safety, Germany) BSEF The International Bornine Council box weight CA Chemical Astitutes Service Chemical Astitutes Service DNEL Dereved Weight Chemical Astitutes Service DNE Dereved Weight Ch	Replacing version dated / version: 22.04.2021 / 0014
ATE Acute Toxicity Estimate BAM Bundesanstati fir Materialorschutz und Arbeitsmedizin (= Federal Institute for Materials Research and Testing, Germany) BEF The International Solidy. Germany) BEF The International Bostonic Council Weight Colorational Abstracts Service CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and matures) OKR carinogenic, mutagenic, reproductive toxic DME Derived Mainium Effect Level DMC Distribution of the International Abstracts Service CCK DAV David Material Abstract Querication (Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and matures) CMR carinogenic, mutagenic, reproductive toxic DME Derived Mainium Effect Level DMC Disard Abstract DMC Disard Abstract CK Lev (a) 5.01, 20: 03: 00, 1001 Effect Concentration/Level of x % on reduction of the biomass (algae, plants) EDK European Chemicals Agency Chemical Substances ENK European Chemicals Agency Chemical Substances ENK European Normonentel	PDF print date: 01.11.2021
BAM Bundesansati für Materialforschung und -pr pr	Motorbike Helminnenreiniger
BSEF The International Bromine Council by body weight CAS Chemical Abstracts Service CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2006 on classification, labelling and packaging of substances and mixtures) CMR carcinogenic, mutaganic, reproductive toxic DME Derived Minimum Effect Level DMC European Community EDXX, ELX (x = 0, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect EE European Internory of Existing Commercial Chemical Substances ELINCS European Internory of Existing Commercial Substances ELINCS European Union	BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany) BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)
CAS Chemical Abstracts Service CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures) CMR carcinogenic, mutagenic, reproductive toxic DMEL Derived Minimum Effect Level DOC Dissolved organic carbon dot for granup EXC, EX, EX, K = 10, S0. Effect Concentration/Level for x % effect EE European Invertory of Evisiting Commercial Chemical Substances ELNCS European Invertory of Evisiting Commercial Substances EVE European Invertory of Evisiting Commercial Substances EVE European Invertory of Evisiting Commercial Substances EVE European Invertory of Evisiting Commercial Substances EVAL Ethylene-visiting Commercial Substances EVAL Ethylene-visiting Comm	BSEF The International Bromine Council
and mixtures) CMR carcinogenic, mutagenic, reproductive toxic DMEL Derived Minimum Effect Level DOC Dissolved organic carbon wight e.g. for example (abbreviation of Latin exempli gratial), for instance ECX, EVX, ELX (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants) EC EVX, EVX, ELX (x = 10, 50) Effect Concentration/Level for x % effect ECX, EVX, ELX (x = 10, 50) Effect Concentration/Level for x % effect ECX, EVX, ELX (x = 10, 50) Effect Concentration/Level for x % effect ECX, EVX, ELX (x = 10, 50) Effect Concentration/Level for x % effect EVX (x = 0, 50) Effect Concentration/Level for x % effect EVX (x = 0, 50) Effect Concentration/Level for x % effect EVX (x = 0, 50) Effect Concentration/Level for x % effect EVX (x = 0, 50) Effect Concentration/Level for x % effect EVX (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EVX (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EVX (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EVX (x = 0, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EVX (x = 0, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EVX (x = 0, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EVX (x = 0, 50) Effect Concentration Algency (X = 0, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EVX (x = 0, 50) Effect Concentration Algency (X = 0, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. EVX (x = 0, 50) Effect Concentration Algency (X = 0, 50) Effect Concentration	CAS Chemical Abstracts Service
CMR carcinogenic, mutagenic, reproductive toxic DNEL Derived NonEffect Level DNEL Derived NonEffect Level DNEL Derived NonEffect Level DNEL Carcined Minimum Effect Level DNEL Carcined Minimum Effect Level COC Dissolved organic carbon dw dy weight carcined Carbon dw dy weight carcined Carbon dw dy weight carcined Carbon dw dy weight CHA European Community EOHA Euro	
DNEL Derived No Effect Level DOC Discoved organic carbon dw dy weight e_0. for example (abbreviation of Latin 'exempli gratia'), for instance EDC Escoved organic carbon EDC Escoved organic carbon EDC European Community EOA European Community ECA European Community ENCES European Lot onwentry of Existing Commercial Chemical Substances ENN European Norme European Interventory of Existing Commercial Chemical Substances EVA Littorgean Norme EVA Littorgean Norme EVA Littorgean Norme EVA European Informe EVA European Informe <	CMR carcinogenic, mutagenic, reproductive toxic
DOC Dissolved organic carbon ed, for example (abbreviation of Latin 'exempli gratia'), for instance ECX, EyCX, EDX (x = 10, 50) Effect Concentration/Level for x % offect ECHA European Chemicals Agency ECX, EyCX, EDX (x = 0, 3, 51, 0, 20, 50, 80, 100) Effect Concentration/Level for x % effect EC European Inventory of Existing Commercial Chemical Substances ELINCS European Inventory of Existing Commercial Chemical Substances EN European Inventory of Existing Commercial Chemical Substances EN European Inventory of Existing Commercial Chemical Substances EN European Union EVA Entropean Inventory of Existing Commercial Protection Agency (United States of America) Ev European Union EVA Entropean Union EVA Entropean Union EVA Entropean Inventory of Cassification and Labelling of Chemicals GWB Globall Warming protential Koc Adsorption coefficient of organic carbon in the soil Koc Adsorption coefficient of caganic carbon in the soil MOC code International Juff Chemical (Code) International Agency for Research	
e.g. for example fabbreviation of Latin (exampli gratia), for instance ECX, EyCX, EVX, EVX (x = 0, 0) Effect Concentration/Level of x % on reduction of the biomass (algae, plants) EC European Community ECX, ELX (x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect EC European Economic Community EINECS European Inventory of Existing Commercial Chemical Substances ELINCS European Inventory of Existing Commercial Chemical Substances EN European Norms EPA United States Environmental Protection Agency (United States of America) ErCX, EµCX, ETLX (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EU European Invinon Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EU European Union EVAL Ethylene-winyl alcohol copolymer Fax. Fax number gen. general GHS Globally Harmonized System of Classification and Labelling of Chemicals GWP Global warming potential Koc Adsorption coefficient of organic carbon in the soil Kow octanoi-water partition coefficient IARG International AurTansport Association IBC (Code) International Buit Chemical (Code) IMDC-oold International Buit Resport Association IBC (Code) Internationa	
EbCx, EyCx, EbLx (v = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants) EVENCE European Community EOHA European Community ENC, ELX (v = 0, 3, 5, 10, 25, 58, 80, 100) Effect Concentration/Level for x % effect EEC European Internot of Existing Commercial Chemical Substances ELINCS European Internot Notified Chemical Substances ELNCK, ELX (x, ELX (s = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. etc. etc. etc. etc. etc. etc. etc. etc. EVEX, ELX (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. etc. etc. genan genan etc. genan genan etc. genan <td></td>	
ECH. European Chemicals Agency ECX, ELX (z + 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect EEC European Inventory of Existing Commercial Chemical Substances ELINCS European Ist of Notified Chemical Substances EN European Norms EA United States Environmental Protection Agency (United States of America) ECX, ELX, ELX (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etC. et cetera EU European Union EVAL Ethylene-viryl alcohol copolymer Fax. Fax number gen. general GHS Globall warming potential Koc Adsorption coefficient of organic carbon in the soil Koc Adsorption coefficient of organic carbon in the soil Koc otacoption coefficient of organic carbon in the soil Koc Adsorption coefficient of organic carbon in the soil Koc retrational Agency for Research on Cancer HAT International Maritime Code for Dangerous Goods ind. including, inclusive UCLD International Union for Pure Applied Chemistry LC30 Lettal Coccentration Ad	EbCx, EyCx, EbLx (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants)
EEC European Iconomic Community EINECS European Inventory of Existing Commercial Substances EIN European Inventory of Existing Commercial Substances EPA United States Environmental Protection Agency (United States of America) ErCA, EjiCX, ErLX (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et celera etc. etc. general general GMP Global warming potential Koc Adoption coefficient of organic carbon in the soil Koc Adoption coefficient of organic carbon in the soil Koc Adoption coefficient of organic carbon in the soil Koc Adoption coefficient of organic carbon on the soil Koc Adoption coefficient of organic carbon on the soil Koc International Agency for Research on Cancer IAT International Martime Code for Dangerous Goods ind. international Martime Code for Dangerous Goods ind. international Union for Fure Applied Chemistry LCLD International Union for Super Applied Chemistry LCS Lethal Concentration coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm	ECHA European Chemicals Agency
EINECS European Isive notified Chemical Substances ELINCS European Norms EN European Norms EPA United States Environmental Protection Agency (United States of America) ErCx, EµCx, ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et cetera EU European Inion EVAL Ethylene-vinyl alcohol copolymer Fax. Fax narming potential Koc Adsorption coefficient of organic carbon in the soil Koc Adsorption coefficient of organic carbon in the soil Koc Adsorption coefficient of organic carbon in the soil Roc International Agency for Research on Cancer IATA International Marchineal (Code) IMDC-code International Buk Chemical Code) IMDC-code International Martime Code for Dangerous Goods Ind. inclusing inclusive IUPAC International Min Tor Pure Applied Chemistry LOS Lethal Concentration to 50% of a test population Log Koc Log artime of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Log and	
EN European Norms EPA United States Environmental Protection Agency (United States of America) ErCx, EµCx, EµCx, ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. et etera European Union EVAL EVAL Ethylene-vinyl alcohol copolymer Fax. Fax. Fax. Fax. mumber gen. general GHS Globally Harmonized System of Classification and Labelling of Chemicals GWP Global warming potential Koc Adsorption coefficient of organic carbon in the soil Kow octanol-water partition coefficient of casic carbon in the soil Kow octanol-water partition coefficient of casic carbon IBC (Code) International Buk Chemical (Code) IMDG-code International Buk Chemical (Code) IMDG-code International Maritime Code for Dangerous Goods ind. including, inclusive ULDD. International Vision for Pure Applied Chemistry LC50 Lethal Concentration to 50% of a test population L0g Koc Log arthm of adsorption coefficient 10 organic carbon in the soil L0g Kow, Log Pow <td>EINECS European Inventory of Existing Commercial Chemical Substances</td>	EINECS European Inventory of Existing Commercial Chemical Substances
EPA United States Environmental Protection Agency (United States of America) ErCx, Ep(Zx, ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) etc. etcretera EU European Union EVAL Ettylene-vinyl alcohol copolymer Fax. Fax number gen. general GHS Globall warming potential Koc Adsorption coefficient of organic carbon in the soil Kov octanol-water partition coefficient IARA International Art Transport Association IBC (Code) International Maritime Code for Dangerous Goods Ind. inctuding, inclusive IUDACI Di International Uniform Chemical Information Database IUDACI Di International Uniform Chemical Information Database IUPAC International Uniform Chemical Information Database IUDACI Di International Uniform Chemical Information Carbon in the soil Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Koc Logarithm of adsorption coefficient of organic carbon in the soil <	
etc. et cetera EU European Union EVAL Ethylene-vinyl alcohol copolymer Fax. Fax number gen. general GHS Globally Harmonized System of Classification and Labelling of Chemicals GWP Global warming potential Koc. Adsorption coefficient of organic carbon in the soil Kow octanol-water partition coefficient Itarc International Air Transport Association IBC (Code) International Bulk Chemical (Code) IMDG-code International Maritime Code for Dangerous Goods ind. including, inclusive IUCALD International Uniform Chemical Information Database IUPAC International Uniform Chemical Information Database IUPAC International Uniform Or Pure Applied Chemistry LCSO Lethal Concentration to 50 % of a test population LDSO Lethal Concentration to 50 % of a test population (Median Lethal Dose) LOg Kow, Log Pow Logarithm of adsorption coefficient LOg Kow, Log Pow Logarithm of adsorption coefficient LOg Linited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.c. not checked n.c. not checked NOEC, NOEL No Observed Effect Concentration/Level QECD Organisation for Economic Co-operation and Development org organic QSHA Occupational Safety and Health (USA) NLP No-Onger-Polymer NDEC, NOEL No Observed Effect Concentration/Level QECD Organisation for Economic Co-operation and Development org organic QSHA Occupational Safety and Health Administration (USA) PET persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration PMEC Predicted No Effect C	EPA United States Environmental Protection Agency (United States of America)
EU European Union EVAL Ethylene-vinyl alcohol copolymer Fax. Fax number gen. general GHS Globally Harmonized System of Classification and Labelling of Chemicals GWP Global warming potential Koc Adsorption coefficient of organic carbon in the soil Kow octanol-water partition coefficient IARC International Agency for Research on Cancer IATA International Bulk Chemical (Code) INDG-code International Maritime Code for Dangerous Goods ind. including, inclusive IUCLDI International Unior Mchemical Information Database IUPAC International Unior for Pure Applied Chemistry LC50 Lethal Concentration to 50 % of a test population Log Kox LOg Kox Logarithm of adsorption coefficient of organic carbon in the soil Log Kox Logarithm of cotanol-water partition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.d. not available NiOSH National Institute for Occupational Safety and Health (USA) <	
Fax. Fax. Instrumber gen. general GHS Globally Harmonized System of Classification and Labelling of Chemicals GWP Global warming potential Koc Adsorption coefficient organic carbon in the soil Kow octanol-water partition coefficient IARC International Agency for Research on Cancer IATA International Maritime Code for Dangerous Goods incl. including, inclusive IUCLD International Uniform Chemical Information Database IUCLD International Uniform Chemical Information Database UDCLD Concentration to 50 % of a test population (Median Lethal Dose) Log Kow, Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Log Kow, Log Pow	
gen. general GHS Globally Harmonized System of Classification and Labelling of Chemicals GWP Global warming potential Koc Adsorption coefficient of organic carbon in the soil Kow octanol-water partition coefficient IARC International Air Transport Association IBC (Code) International Maritime Code for Dangerous Goods incl. including, inclusive UUCLD International Uniform Chemical Information Database UPAC International Uniform Chemical Information Database UPAC International Uniform Pure Applied Chemistry CSo Lethal Concentration to 50% of a test population (Median Lethal Dose) Log Kor Logarithm of adsorption coefficient of organic carbon in the soil Log Kor Logarithm of catonol-water paritition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not available n.d. n	
GWP Global warming potential Koc Adsorption coefficient of organic carbon in the soil Kow cotanol-water partition coefficient IARC International Agency for Research on Cancer IATA International Maritime Code for Dangerous Goods incl. including, includisve IUDE-code International Maritime Code for Dangerous Goods incl. including, includisve IUDE-code International Maritime Code for Dangerous Goods Incl. including, includisve IUDE-code International Uniform Chemical Information Database IUPAC International Uniform Chemical Information Database IUPAC Lethal Concentration to 50 % of a test population LDS Lethal Concentration to 50 % of a test population LDg Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Limited Quantities n.a. not applicable n.a. not applicable n.d. not data vailable n.d. not data vailable n.d. not data vailable n.d. <td></td>	
Koc Adsorption coefficient of organic carbon in the soil Kow octanol-water partition coefficient IARC International Agency for Research on Cancer IATA International Agency for Research on Cancer IATA International Multification IBC (Code) International Bulk Chemical (Code) INDG-code International Maritime Code for Dangerous Goods incl. including, inclusive IUCLID International Unior for Pure Applied Chemistry LCSO Lethal Dose to 50% of a test population DbS Lethal Dose to 50% of a test population Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Kow Logarithm of adsorption coefficient of organic carbon in the soil LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.c. not checked n.d.a. not acta available NIOSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOEC, NOEL NO Observed Effect Concentration/Level OECD Organisation for Economic Co-operation an	
IARC International Agency for Research on Cancer IATA International Air Transport Association IBC (Code) International Bulk Chemical (Code) IMDG-code International Maritime Code for Dangerous Goods incl. including, inclusive IUCLID International Unior Chemical Information Database IUPAC IUPAC International Unior Of Pure Applied Chemistry LC50 Lethal Concentration to 50 % of a test population LD50 Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of catnol-water partition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.av. not data available n.d.a. not data available NIOSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer OECD Organisation for Economic Co-operation and Development org organic OSHA Occupational Safety and Health Administration (USA) <t< td=""><td></td></t<>	
IATA International Air Transport Association IBC (Code) International Bulk Chemical (Code) IMDG-code International Maritime Code for Dangerous Goods incl. including, inclusive IUCLID International Uniform Chemical Information Database IUPAC International Union for Pure Applied Chemistry LC50 Lethal Concentration to 50 % of a test population LD50 Lethal Dose to 50% of a test population (Median Lethal Dose) Log Kow Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow International Batity and Health (USA) NLP No-longer-Polymer NOEC, NOEL	
IBC (Code) International Bulk Chemical (Code) IMDG-code International Maritime Code for Dangerous Goods incl. including, inclusive IUCLID International Uniform Chemical Information Database IUPAC International Union for Pure Applied Chemistry LC50 Lethal Concentration to 50 % of a test population LD50 Lethal Concentration to 50 % of a test population LD50 Lethal Concentration to 50 % of a test population LD60 Lethal Concentration to 50 % of a test population LD70 Lethal Concentration to 50 % of a test population LD70 Lethal Concentration to 50 % of a test population LD70 Lethal Concentration to 50 % of a test population LD70 Lethal Concentration of the Organic carbon in the soil LO70 Logarithm of actanol-water partition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.av. not applicable n.d.a. no data available NLO2 Nologer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organic	o ,
incl. including, inclusive IUCLID International Uniform Chemical Information Database IUPAC International Uniform for Pure Applied Chemistry LC50 Lethal Concentration to 50 % of a test population LD50 Lethal Dose to 50% of a test population (Median Lethal Dose) Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.a. not available n.d.a. not data available n.d.a. not data available NIOSH National Institute for Occupational Safety and Health (USA) NLP No-Ionger-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration	IBC (Code) International Bulk Chemical (Code)
IUCLID International Uniform Chemical Information Database IUPAC International Uniform OF OF Word a test population Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.av. not available n.c. not checked n.d.a. not data available NICSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration	
LC50 Lethal Concentration to 50 % of a test population LD50 Lethal Dose to 50% of a test population (Median Lethal Dose) Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.av. not acata available n.c. not checked n.d.a. no data available NICSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOECD, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration pp parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	IUCLID International Uniform Chemical Information Database
LD50 Lethal Dose to 50% of a test population (Median Lethal Dose) Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.a. not applicable n.a. not adapticable n.d. not checked n.d.a. no data available NLP No-longer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration PWE Polyethylene PNEC Predicted No Effect Concentration pp parts per million PVC Polyethylene PNEC Predicted No Effect Concentration pp parts per million	
Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.v. not available n.c. not checked n.d. no data available NIOSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration PPM parts per million PVC Polyinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	LD50 Lethal Dose to 50% of a test population (Median Lethal Dose)
LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.av. not available n.c. not checked n.d.a. no data available NIOSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million pVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	
n.a. not applicable n.av. not available n.c. not checked n.d. no data available NIOSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	LQ Limited Quantities
 n.av. not available n.c. not checked n.d. no data available NIOSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, 	
 n.d.a. no data available NIOSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, 	
NIOSH National Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	
NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	
OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	
org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	
PBT persistent, bioaccumulative and toxic PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	org. organic
PE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	
ppm parts per million PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	PE Polyethylene
PVC Polyvinylchloride REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration,	



Page 20 of 20 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 01.11.2021 / 0015 Replacing version dated / version: 22.04.2021 / 0014 Valid from: 01.11.2021 PDF print date: 01.11.2021 Motorbike Helminnenreiniger

 REACH-IT List-No.
 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List

 Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.

 RID
 Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

 SVHC
 Substances of Very High Concern

 Tel.
 Telephone

 TOC
 Total organic carbon

 UN RTDG
 United Nations Recommendations on the Transport of Dangerous Goods

 VOC
 Volatile organic compounds

vPvB very persistent and very bioaccumulative

wwt wet weight

GB

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.

These statements were made by:

Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

© by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.