Trade name: Teerwäsche A

Product no.: 391999

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

1.1 **Product identifier**

Trade name

Teerwäsche A

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

Relevant identified uses of the substance or mixture

Cleaner

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Koch-Chemie GmbH Einsteinstr. 42 D-59423 Unna

+49-2303-9 86 70-0 Telephone no. Fax no. +49-2303-9 86 70-26

Advice on Safety Data Sheet

sdb info@umco.de

1.4 **Emergency telephone number**

+353 1 809 2166 (National Poisons Information Centre)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Asp. Tox. 1; H304 Eve Dam. 1: H318 Skin Irrit. 2: H315

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms







Signal word

Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics 2-propylheptane-1-ol, ethoxylated

Hazard statement(s)

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H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

Hazard statements (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statement(s)

P280 Wear protective gloves/eye protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

2.3 Other hazards

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

No	Substance name		Additional information			
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Conce	entration		%
1	Hydrocarbons, C10	0-C13, n-alkanes, isoalkanes, cyclics, <2%				
	aromatics					
	-	Asp. Tox. 1; H304	>=	70,00 - <	90,00	wt%
	918-481-9	EUH066				
	-					
	01-2119457273-39					
2	2-butoxyethanol					
	111-76-2	Acute Tox. 4; H302	>=	10,00 - <	25,00	wt%
	203-905-0	Acute Tox. 4; H312				
	603-014-00-0	Acute Tox. 4; H332				
	01-2119475108-36	Eye Irrit. 2; H319				
		Skin Irrit. 2; H315				
3	2-propylheptane-1-ol, ethoxylated					
	160875-66-1	Eye Dam. 1; H318	<	5,00		wt%
	-	Acute Tox. 4; H302				
	-					
	-					

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

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General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

After skin contact

Wash immediately with plenty of water for several minutes. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

After indestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting - aspiration hazard. Never give anything by mouth to an unconscious person. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Effects

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Foam; Carbon dioxide; Dry chemical extinguisher

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear full protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Use personal protective clothing.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Have emergency shower available. Provide eye wash fountain in work area.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

Storage stability

Value 36 months

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.		EC no.	
1	2-butoxyethanol	111-76-2		203-905-0	
	2000/39/EC				
	2-Butoxyethanol				
	WEL short-term (15 min reference period)	246	mg/m³	50	ppm
	WEL long-term (8-hr TWA reference period)	98	mg/m³	20	ppm
	Skin resorption / sensibilisation	Skin			
	List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)				
	2-Butoxyethanol				
	WEL short-term (15 min reference period)	246	mg/m³	50	ppm
	WEL long-term (8-hr TWA reference period)	98	mg/m³	20	ppm
	Comments	Sk, IOELV		•	

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure		Effect	Value	
1	2-butoxyethanol			111-76-2	
				203-905-0	
	dermal	Long term (chronic)	systemic	125,00	mg/kg/day
	dermal	Short term (acut)	systemic	89,00	mg/kg/day
	inhalative	Long term (chronic)	systemic	98,00	mg/m³
	inhalative	Short term (acut)	systemic	1091,00	mg/m³
	inhalative	Long term (chronic)	local	246,00	mg/m³

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DNEL value (consumer)

No	Substance name	Substance name		stance name		CAS / EC no	
	Route of exposure	Exposure time	Effect	Value			
1	2-butoxyethanol			111-76-2			
				203-905-0			
	oral	Long term (chronic)	systemic	6,30	mg/kg/day		
	oral	Short term (acut)	systemic	26,70	mg/kg/day		
	dermal	Long term (chronic)	systemic	75,00	mg/kg/day		
	dermal	Short term (acut)	systemic	89,00	mg/kg/day		
	inhalative	Long term (chronic)	systemic	59,00	mg/m³		
	inhalative	Short term (acut)	systemic	426,00	mg/m³		
	inhalative	Long term (chronic)	local	147,00	mg/m³		

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Туре	Value	
1	2-butoxyethanol		111-76-2 203-905-0	
	water	fresh water	8,80	mg/L
	water	marine water	0,88	mg/L
	water	fresh water sediment	34,60	mg/kg
	with reference to: dry weight			
	water	marine water sediment	3,46	mg/kg
	water	Aqua intermittent	26,4	mg/L
	soil	-	2,33	mg/kg dry weight
	sewage treatment plant	-	463,00	mg/L
	secondary poisoning	-	0,02	g/kg

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Filter A or environment-independent breathing apparatus.

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material nitrile

Material thickness > 0,3 mm
Breakthrough time > 120 min

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour	
liquid	
colourless	
Odour	
aromatic	
Odour threshold	

No data available pH value

	11 Value
Ν	lot applicable

No data available	

Melting point / melting range	
No data available	

Decomposition point / decomposition range	
No data available	

Flash point			
Value	>	64	°C

Auto-ignition temperature	
No data available	

Oxidising properties not oxidizing

Explosive properties	
No data available	

Flammability (solid, gas)	
No data available	

Lower flammability or explosive limits	
No data available	

Upper flammability or explosive limits No data available

Vapour pressure				
Value	<	110	kPa	
Reference temperature		50	°C	

Reference temperature	50	C	
Vapour density			
No data available			

Evaporation rate	
No data available	

Relative density	
No data available	

Density	
Value	0,8 g/cm ³
Reference temperature	20 °C

Solubility in water	
No data available	

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Sol	uk	oility	(ies)		
	•			-	-	7

No data available

Part	Partition coefficient: n-octanol/water					
No	Substance name	CAS no.	EC no.			
1	2-butoxyethanol	111-76-2	203-905-0			
log F	Pow		0,81			
Refe	erence temperature		25 °C			
Source		ECHA				

Viscosity				
Value	<	20,5	mm²/s	
Reference temperature		40	°C	
Туре	kinematic			

9.2 Other information

Other information	
No data available.	

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acu	Acute oral toxicity (result of the ATE calculation for the mixture)					
No	Product Name					
1	Teerwäsche A					
Comments		The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification /				
		labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).				

Acu	Acute oral toxicity						
No	Substance name	C	CAS no.	EC no.			
1	2-butoxyethanol	1	11-76-2	203-905-0			
LD5	0		1746	mg/kg bodyweight			
Spe	cies	rat					
Metl	hod	OECD 401					
Sou	rce	ECHA					

Acute dermal toxicity (result of the ATE calculation for the mixture)

Trade name: Teerwäsche A **Product no.:** 391999

Current version: 1.0.0, issued: 08.10.2020 Region: IE

No	Product Name	
1	Teerwäsche A	
Com	nments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg).

Acu	Acute dermal toxicity							
No	Substance name	CAS no		EC no.				
1	2-butoxyethanol	111-76-2	2	203-905-0				
LD5	50	>	2000	mg/kg bodyweight				
Spe	cies	guinea pig						
Met	hod	OECD 402						
Sou	rce	ECHA						

Acu	Acute inhalational toxicity (result of the ATE calculation for the mixture)					
No	Product Name					
1	Teerwäsche A					
Con	nments	The result of the applied calculation method according to the				
		European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6,				
		Part 3 of Annex I is outside the values that imply a classification /				
		labelling of this mixture according to table 3.1.1 defining the				
	respective categories (ATE for inhalation: > 20.000 ppmV (gases)					
		20 mg/l (vapours), > 5 mg/l (dusts/mists).				

Acu	Acute inhalational toxicity						
No	Substance name		CAS no.		EC no.		
1	2-butoxyethanol		111-76-2		203-905-0		
ATE				1,5	mg/l		
Dura	ation of exposure			4	h		
State	e of aggregation	Dust/mist					
Spec	cies	rat					

Skir	Skin corrosion/irritation						
No	Substance name		CAS no.		EC no.		
1	2-butoxyethanol		111-76-2		203-905-0		
Dura	ation of exposure			4	h		
Spe	cies	rabbit					
Meth	nod	EU B.4					
Soul	rce	ECHA					
Eval	uation	irritant					

Seri	Serious eye damage/irritation					
No	Substance name	CAS no.		EC no.		
1	2-butoxyethanol	111-76-2		203-905-0		
Dura	ation of exposure		24	h		
Spec	cies	rabbit				
Meth	nod	OECD 405				
Soul	rce	ECHA				
Eval	uation	Irritating to eyes				

Res	Respiratory or skin sensitisation						
No	Substance name	CAS no.	EC no.				
1	2-butoxyethanol	111-76-2	203-905-0				
Rou	te of exposure	Skin					
Spe	cies	guinea pig					
Metl	nod	OECD 406					
Source		ECHA					
Eval	uation	non-sensitizing					

Trade name: Teerwäsche A

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Ger	Germ cell mutagenicity						
No	Substance name	CAS no.	EC no.				
1	2-butoxyethanol	111-76-2	203-905-0				
Method		OECD 471					
Source		ECHA					
Evaluation/classification Based on available data, the classification criteria are not met.			n criteria are not met.				

Reproduction toxicity

No data available

Card	Carcinogenicity						
No	Substance name	CAS no.	EC no.				
1	2-butoxyethanol	111-76-2	203-905-0				
Spe	cies	rat					
Meth	nod	OECD 451					
Source ECH		ECHA					
Evaluation/classification Based on available data, the classification criteria are not met.			sification criteria are not met.				

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration hazard
No data available

SECTION 12: Ecological information

12.1 Toxicity

Tox	Toxicity to fish (acute)					
No	Substance name	CAS	S no.	EC no.		
1	2-butoxyethanol	111	-76-2	203-905-0		
LC5	0	>	1474	mg/l		
Duration of exposure			96	h		
Species		Oncorhynchus my	ykiss			
Method		OECD 203				
Sou	rce	ECHA				

Toxi	Toxicity to fish (chronic)					
No	Substance name		CAS no.	ļ.	EC no.	
1	2-butoxyethanol		111-76-2	2	203-905-0	
NOEC		>		100	mg/l	
Duration of exposure			:	21	day(s)	
Species		Danio rerio				
Method		OECD 204				
Source		ECHA				

Tox	Toxicity to Daphnia (acute)					
No	Substance name	CAS no.		EC no.		
1	2-butoxyethanol	111-76-2		203-905-0		
EC5	50		1550	mg/l		
Dura	ation of exposure		48	h		
Species		Daphnia magna				
Method		OECD 202				
Sou	rce	ECHA				

Tox	icity to Daphnia (chronic)		
No	Substance name	CAS no.	EC no.
1	2-butoxyethanol	111-76-2	203-905-0

Trade name: Teerwäsche A

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NOEC Duration of exposure		100 21	mg/l day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxi	Toxicity to algae (acute)					
No	Substance name	CAS no.	EC no.			
1	2-butoxyethanol	111-76-2	203-905-0			
EC5	0	g	911 mg/l			
Duration of exposure		7	'2 h			
Species		Pseudokirchneriella subcapitat	a			
Method		OECD 201				
Source		ECHA				

Toxicity to algae (chronic)	
No data available	

Bacteria toxicity	
No data available	

12.2 Persistence and degradability

Biod	Biodegradability				
No	Substance name	CAS no.		EC no.	
1	2-butoxyethanol	111-76-2		203-905-0	
Туре		aerobic biodegradation			
Valu	е		90,4	%	
Dura	ation		28	day(s)	
Method		OECD 301 B			
Source		ECHA			
Eval	uation	readily biodegradable			

12.3 Bioaccumulative potential

	bioaccamalative potential					
Part	Partition coefficient: n-octanol/water					
No	Substance name	CAS no.		EC no.		
1	2-butoxyethanol	111-76-2		203-905-0		
log Pow			0,81			
Reference temperature			25	°C		
Source		ECHA				

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.
vPvB assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

12.6 Other adverse effects

No data available.

12.7 Other information

No 3

Trade name: Teerwäsche A

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Other information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

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

Not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

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Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

The surfactants contained in this product comply with the DetVO 648/2004/EC.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H319 Causes serious eye irritation.

H332 Harmful if inhaled.

Creation of the safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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