Trade name: Glanzwachsshampoo Product no.: 46999 Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

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

1.1 Product identifier

Trade name

Glanzwachsshampoo

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

1.4 Emergency telephone number

No data available.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP) Aquatic Chronic 3; H412 Eye 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:

2-propylheptane-1-ol, ethoxylated

Amides, C8-18 (even numbered) and C18- unsatd., N, N-bis (hydroxyethyl)

1-Propanamine, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, ester with fatty acids, C18 unsaturated, Me sulphates (salts)

Hazard statement(s)

Trade name: Glanzwachssh	impoo		
Product no.: 46999			
Current version : 1.0.0, issued: 22.	9.2020 Rep	laced version: -, issued: -	Region: MT
H315	Causes skin irritation.		
H318	Causes serious eye dam	ade.	
H412	Harmful to aquatic life wi	8	
Precautionary statem	ent(s)		
P101	If medical advice is need	ed, have product container or label at h	nand.
P102	Keep out of reach of chil	dren.	
P280	Wear protective gloves/e	ye protection.	
P305+P351+P338	IF IN EYES: Rinse caution present and easy to do.	ously with water for several minutes. Re Continue rinsing.	emove contact lenses, if
P310	Immediately call a POIS	ON CENTER/doctor.	
P501	-	ainer to a facility in accordance with loc	cal and national
Supplemental label e	ements /2004 on detorgents (Appex	\/II\·	

Regulation (EC) No 648/2004 on detergents (Annex VII): 5-15% non-ionic surfactants <5% cationic surfactants

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		Additio	onal information	า	
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Conce	ntration		%
	REACH no					
1	2-propylheptane-1-	ol, ethoxylated				
	160875-66-1	Eye Dam. 1; H318	>=	5,00 - <	10,00	%-b.w.
	-	Acute Tox. 4; H302				
	-					
	-					
2	2-butoxyethanol					
	111-76-2	Acute Tox. 4; H302	>=	5,00 - <	10,00	%-b.w.
	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	Amides, C8-18 (eve	en numbered) and C18- unsatd.,N, N-bis				
	(hydroxyethyl)					
	68155-07-7	Aquatic Chronic 2; H411	<	5,00		%-b.w.
	931-329-6	Eye Dam. 1; H318				
	-	Skin Irrit. 2; H315				
	01-2119490100-53					
4	1-Propanamine, 2-	nydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-,				

Product no.: 46999

Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

ester with fatty aci	ds, C18 unsaturated, Me sulphates (salts)			
-	Aquatic Chronic 3; H412	<	5,00	%-b.w.
939-685-4	Eye Dam. 1; H318			
-	Skin Irrit. 2; H315			
01-2119983493-26				

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

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 ingestion

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

- **4.2 Most important symptoms and effects, both acute and delayed** No data available.
- **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); Nitrogen oxides (NOx)

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. In case of entry into waterways, soil or drains, inform the responsible authorities.

Product no.: 46999

Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

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.

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.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

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	
	Occupational Exposure Limit Values (Schedule V, Oc	cupational H	ealth and Saf	ety Authority	Act)
	2-Butoxyethanol				
	WEL short-term (15 min reference period)	246	mg/m³	50	ml/m³
	WEL long-term (8-hr TWA reference period)	98	mg/m³	20	ml/m³
	Occupational Exposure Limit Values (Schedule V, Oc	cupational H	ealth and Saf	ety Authority	Act)
	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	Skin			
	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			

DNEL, DMEL and PNEC values

Product no.: 46999

Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

	DNEL values (worker)						
No	Substance name			CAS / EC no)		
	Route of exposure	Exposure time	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		
2	Amides, C8-18 (even nun	nbered) and C18- unsatd.,I	N, N-bis (hydroxyethyl)	68155-07-7			
				931-329-6			
	dermal	Long term (chronic)	systemic	4,16	mg/kg/day		
	dermal	Long term (chronic)	local	0,09	mg/cm ²		
	inhalative	Long term (chronic)	systemic	73,4	mg/m³		
3	1-Propanamine, 2-hydrox	y-N-(2-hydroxypropyl)-N,	N-dimethyl-, ester with	-			
	fatty acids, C18 unsaturated, Me sulphates (salts)		939-685-4				
	dermal	Long term (chronic)	systemic	112,5	mg/kg/day		
	inhalative	Long term (chronic)	systemic	8,72	mg/m³		

DNEL value (consumer)

No	Substance 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
2	Amides, C8-18 (even numbered) and C18- unsatd., N, N-bis (hydroxye		I, N-bis (hydroxyethyl)	68155-07-7	
				931-329-6	
	oral	Long term (chronic)	systemic	6,25	mg/kg/day
	dermal	Long term (chronic)	systemic	2,5	mg/kg/day
	dermal	Long term (chronic)	local	0,056	mg/cm²
	inhalative	Long term (chronic)	systemic	21,73	mg/m³
3	1-Propanamine, 2-hydrox	y-N-(2-hydroxypropyl)-N,N	I-dimethyl-, ester with	-	
	fatty acids, C18 unsatura	ted, Me sulphates (salts)		939-685-4	
	oral	Long term (chronic)	systemic	1,25	mg/kg/day
	dermal	Long term (chronic)	systemic	56,25	mg/kg/day
	inhalative	Long term (chronic)	systemic	2,17	mg/m³

No	Substance name		CAS / EC	no
	ecological compartment	Туре	Value	
	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

Product no.: 46999

Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

			-	
	secondary poisoning	-	0,02	g/kg
2	Amides, C8-18 (even numbered) and (C18- unsatd.,N, N-bis (hydroxyethyl)	68155-07-7 931-329-6	
	water	fresh water	7	µg/L
	water	marine water	0,7	µg/L
	water	Aqua intermittent	24	µg/L
	water	fresh water sediment	42,4	µg/kg
	with reference to: dry weight			
	soil	-	18,9	µg/kg
	with reference to: dry weight			
	sewage treatment plant	-	830	mg/L
3	1-Propanamine, 2-hydroxy-N-(2-hydro	xypropyl)-N,N-dimethyl-, ester with	-	
	fatty acids, C18 unsaturated, Me sulp	hates (salts)	939-685-4	
	water	fresh water	0,017	mg/L
	water	marine water	0,002	mg/L
	water	fresh water sediment	1,7	mg/kg dry weight
	water	marine water sediment	0,17	mg/kg dry weight
	soil	-	0,331	mg/kg dry weight
	sewage treatment plant	-	10	mg/L

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.

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 work-station 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	butyl rubber		
Material thickness	>	0,5	mm
Breakthrough time	>	120	min

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

liquid	

ade name: Glanzwachsshampoo oduct no.: 46999		
rrent version : 1.0.0, issued: 22.09.2020	Replaced version: -, issued: -	Region:
yellow		
Odour characteristic		
Odour threshold No data available		
pH value		
Value	4,5	
Boiling point / boiling range		
No data available		
Melting point / melting range No data available		
Decomposition point / decomposition range No data available		
Flash point		
Not applicable		
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		
No data available		
Vapour density		
No data available		
Evaporation rate No data available		
Relative density		
No data available		
Density		
Value Reference temperature	1 g/cm ³ 20 °C	
Solubility in water		
Comments	miscible	
Solubility(ies)		
No data available		
Partition coefficient: n-octanol/water No Substance name	CAS no.	EC no.
1 2-butoxyethanol	<u> </u>	203-905-0

Product no.: 46999

Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

log Pov Refere	w ence temperature		0),81 25	°C
Source	•	ECHA	2	.0	0
	mides, C8-18 (even numbered) and C18 I-bis (hydroxyethyl)	3- unsatd.,N, 68155	-07-7	931-32	29-6
log Pov Referei	w ence temperature	appr. 1,35	- 4 2	1,84 20	°C
Methoo Source	d	OECD 117 ECHA			
Viscosity					

No data available

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

None, if handled according to intended use.

- **10.5** Incompatible materials None known.
- **10.6 Hazardous decomposition products** No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

	e oral toxicity (result of the ATE calculation for the mixture)		
No	Product Name		
1	Glanzwachsshampoo		
Corr	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 oral > 2000 mg/kg).	

Acu	Acute oral toxicity				
No	Substance name		CAS no.		EC no.
1	2-butoxyethanol		111-76-2		203-905-0
LD5				1746	mg/kg bodyweight
Spee	cies	rat			
Meth	nod	OECD 401			
Sour	rce	ECHA			
2	Amides, C8-18 (even numbered) and C18- unsatd.,N, N-bis (hydroxyethyl)		68155-07-7		931-329-6
LD50		>		2000	mg/kg bodyweight
Species		rat			

	name: Glanzwachsshampoo ct no.: 46999				
	version : 1.0.0, issued: 22.09.2020	Replaced	l version: -, issued:	-	Region:
Metl Sou		OECD 401 ECHA			
Acu	ite dermal toxicity (result of the ATE ca	alculation for th	ne mixture)		
	Product Name				
1	Glanzwachsshampoo				
Corr	nments	European R Part 3 of An labelling of t	egulation (EC) 12 nex I is outside th	272/2008 (CL ne values tha ding to table	d according to the .P), Paragraph 3.1.3.6, t imply a classification / 3.1.1 defining the mg/kg).
Acu	ite dermal toxicity				
No	Substance name		CAS no.		EC no.
1	2-butoxyethanol		111-76-2		203-905-0
LD5	50	>		2000	mg/kg bodyweight
Spe	cies	guinea pig			
Metl	hod	OECD 402			
Sou	Irce	ECHA			
2	Amides, C8-18 (even numbered) and N-bis (hydroxyethyl)	C18- unsatd.,N,	68155-07-7		931-329-6
LD5		>		2000	mg/kg bodyweight
	cies	rabbit			
Sou	rce	ECHA			
A	its inhalational toxisity (result of the A	TE coloulation	for the mixture)		
	Ite inhalational toxicity (result of the A	TE calculation	for the mixture)		
1 1	Glanzwachsshampoo				
		Part 3 of An labelling of t respective c	nex I is outside the his mixture accore	ne values tha ding to table r inhalation:	.P), Paragraph 3.1.3.6, t imply a classification / 3.1.1 defining the > 20.000 ppmV (gases), >
Acu	ite inhalational toxicity				
	Substance name		CAS no.		EC no.
-					203-905-0
ATE	2-butoxyethanol		111-76-2	1,5	
	ation of exposure			4	mg/l h
	te of aggregation	Dust/mist		-	11
	cies	rat			
ope		Tat			
	n corrosion/irritation				
No	Substance name		CAS no.		EC no.
1	2-butoxyethanol		111-76-2		203-905-0
	ation of exposure			4	h
	cies	rabbit			
Met		EU B.4			
Sou		ECHA			
Eval	luation	irritant			
Seri	ious eve damage/irritation				
	ious eye damage/irritation		CAS no.		EC no.
No	Substance name		CAS no.		EC no. 203-905-0
No 1	Substance name 2-butoxyethanol		CAS no. 111-76-2		203-905-0
No 1 Dura	Substance name 2-butoxyethanol ation of exposure	rabbit			
No 1 Dura Spe	Substance name 2-butoxyethanol ation of exposure ccies	rabbit OFCD 405			203-905-0
No 1 Dura Spe Met	Substance name 2-butoxyethanol ation of exposure ccies hod	OECD 405			203-905-0
No 1 Dura Spe Metl Sou	Substance name 2-butoxyethanol ation of exposure ccies hod		111-76-2		203-905-0

Product no.: 46999

Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

Res	piratory or skin sensitisation			
	Substance name	CAS no.	EC no.	
1	2-butoxyethanol	111-76-2	203-905-0	
Rout	e of exposure	Skin		
Species guinea pig		guinea pig		
Method OECD 406		OECD 406		
Sour		ECHA		
Eval	uation	non-sensitizing		
Geri	n cell mutagenicity			
No	Substance name	CAS no.	EC no.	
1	2-butoxyethanol	111-76-2	203-905-0	
Meth	nod	OECD 471		
Sour		ECHA		
Eval	uation/classification	Based on available data, the clas	ssification criteria are not met.	
	roduction toxicity			
No d	lata available			
Card	cinogenicity			
No	Substance name	CAS no.	EC no.	
1	2-butoxyethanol	111-76-2	203-905-0	
Spec		rat		
Meth		OECD 451		
Sour		ECHA		
Eval	uation/classification	Based on available data, the clas	ssification criteria are not met.	
STOT - single exposure				
No data available				
	T - repeated exposure			
No d	ata available			
	iration hazard			
No d	lata available			

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No Substance name	CAS no.		EC no.
1 2-butoxyethanol	111-76-2		203-905-0
LC50	>	1474	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
2 Amides, C8-18 (even numbered) and (C18- unsatd.,N, 68155-07-7		931-329-6
N-bis (hydroxyethyl)			
LC50		2,4	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		

Toxicity to fish (chronic)					
No	Substance name		CAS no.		EC no.
1	2-butoxyethanol		111-76-2		203-905-0
NOE	C	>		100	mg/l
Dura	ation of exposure			21	day(s)

Value

Duration

Method

Source

duct no.: 46999	- • • • •			- ·
ent version : 1.0.0, issued: 22.09.2020	Replaced version: -, issue	ed: -		Region
Species	Danio rerio			
Vethod	OECD 204			
Source	ECHA			
Toxicity to Daphnia (acute)				
No Substance name	CAS no.		EC no.	
1 2-butoxyethanol	111-76-2		203-905-0	
EC50		1550	mg/l	
Duration of exposure	Daularia na anna	48	h	
Species Vethod	Daphnia magna OECD 202			
Source	ECHA			
2 Amides, C8-18 (even numbered) a			931-329-6	
N-bis (hydroxyethyl)		3,2	mg/l	
Duration of exposure		3,2 48	h	
Species	Daphnia magna			
Method	OECD 202			
Source	ECHA			
Toxicity to Daphnia (chronic)	040		FO m o	
No Substance name 1 2-butoxyethanol	CAS no. 111-76-2		EC no. 203-905-0	
NOEC	111-70-2	100	mg/l	
Duration of exposure		21	day(s)	
Species	Daphnia magna			
Vethod	OECD 211			
Source	ECHA			
Source Foxicity to algae (acute)	ECHA			
Source Foxicity to algae (acute) No Substance name	ECHA CAS no.		EC no.	
Source Foxicity to algae (acute) No Substance name 1 2-butoxyethanol	ECHA	011	203-905-0	
Source Foxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50	ECHA CAS no.	911	203-905-0 mg/l	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure	ECHA CAS no. 111-76-2	72	203-905-0	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Species Species	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap	72	203-905-0 mg/l	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure	ECHA CAS no. 111-76-2	72	203-905-0 mg/l	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Species Method	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201	72	203-905-0 mg/l	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Species Method Source Source	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201	72	203-905-0 mg/l	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Duration of exposure Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity Source	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201	72	203-905-0 mg/l	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Species Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity No data available	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201	72	203-905-0 mg/l	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Duration of exposure Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity No data available Persistence and degradability	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201	72	203-905-0 mg/l	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Duration of exposure Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity No data available 2 Persistence and degradability Biodegradability Biodegradability	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201 ECHA	72	203-905-0 mg/l h	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Duration of exposure Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity No data available 2 Persistence and degradability Biodegradability No No Substance name	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201	72	203-905-0 mg/l	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Species Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity No data available 2 Persistence and degradability Biodegradability No Substance name 1 1 2-butoxyethanol	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201 ECHA CAS no.	72	203-905-0 mg/l h	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Duration of exposure Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity No data available 2 Persistence and degradability Biodegradability No No Substance name	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201 ECHA CAS no. 111-76-2	72	203-905-0 mg/l h	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Species Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity No data available 2 Persistence and degradability No Substance name 1 2-butoxyethanol Type Formation	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201 ECHA CAS no. 111-76-2 aerobic biodegradation	72 pitata	203-905-0 mg/l h EC no. 203-905-0	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity No data available Resistence and degradability Biodegradability No Substance name 1 2 -butoxyethanol Type Value Duration Method	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201 ECHA CAS no. 111-76-2 aerobic biodegradation OECD 301 B	72 pitata	203-905-0 mg/l h EC no. 203-905-0 %	
Source Toxicity to algae (acute) No Substance name 1 2-butoxyethanol EC50 Duration of exposure Species Species Method Source Toxicity to algae (chronic) No data available Bacteria toxicity No data available 2 Persistence and degradability Biodegradability No Substance name 1 1 2-butoxyethanol Type Value Ouration Substance	ECHA CAS no. 111-76-2 Pseudokirchneriella subcap OECD 201 ECHA CAS no. 111-76-2 aerobic biodegradation	72 pitata	203-905-0 mg/l h EC no. 203-905-0 %	

appr.

ECHA

OECD 301 B

92,5

28

%

day(s)

Trade name: Glanzwachsshampoo Product no.: 46999

Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

Evaluation

readily biodegradable

12.3 Bioaccumulative potential

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		
Reference temperature				25	°C	
Sou	Source					
2	Amides, C8-18 (even numbered) and C1 N-bis (hydroxyethyl)	8- unsatd.,N,	68155-07-7		931-329-6	
log F	Pow	appr. 1,35	-	4,84		
Reference temperature				20	°C	
Method		OECD 117				
Sou	rce	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

Other information

Do not discharge into the drains or waters and do not store on public depositories.

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.

Product no.: 46999

Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

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 <u>EU regulations</u>

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

 No 3

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.

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.

Product no.: 46999

Current version : 1.0.0, issued: 22.09.2020

Replaced version: -, issued: -

Region: MT

H319Causes serious eye irritation.H332Harmful if inhaled.H411Toxic to aquatic life with long lasting effects.

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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