EU safety data sheet

Trade name: einzA Aqua-Kompaktlasur, eiche hell Product no.: 3940930

Current version : 3.5.0, issued: 21.12.2023

Replaced version: 3.4.2, issued: 07.08.2023

Region: GB

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

1.1 **Product identifier**

Trade name

einzA Aqua-Kompaktlasur, eiche hell

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

Relevant identified uses of the substance or mixture decorative paints/finishes

Uses advised against No data available.

1.3 Details of the supplier of the safety data sheet

Address

einzA Farben GmbH & Co KG Junkersstraße 13 30179 Hannover

Telephone no.	+49 (0)511 67490-0
Fax no.	+49 (0)511 67490-20
e-mail	info@einzA.com

Advice on Safety Data Sheet sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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.

This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

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

Hazard pictograms

Signal word

Hazard statement(s)

Hazard statements (EU)

Contains adipohydrazide, 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. Safety data sheet available on request.

Precautionary statement(s)

Labelling information

The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

2.3 Other hazards

EUH208

EUH210

Current version : 3.5.0, issued: 21.12.2023

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

	Hazardous ingredients Substance name Additional information						
No	Substance name						
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Conce	ntration	%		
	REACH no						
1		YLETHOXY)PROPANOL					
	34590-94-8	-	<	2.50	wt%		
	252-104-2						
	-						
	01-2119450011-60						
2	2-butoxyethanol						
	111-76-2	Acute Tox. 4; H302	<	2.50	wt%		
	203-905-0	Acute Tox. 4; H332					
	603-014-00-0	Eye Irrit. 2; H319					
_	01-2119475108-36	Skin Irrit. 2; H315					
3	adipohydrazide						
	1071-93-8	Skin Sens. 1; H317	<	2.50	wt%		
	213-999-5	Aquatic Chronic 2; H411					
	-						
	-						
4	1,2-benzisothiazol-			fer to footnote (1)	10/		
	2634-33-5	Acute Tox. 4*; H302	<	0.05	wt%		
	220-120-9	Eye Dam. 1; H318					
	613-088-00-6	Skin Irrit. 2; H315					
	-	Skin Sens. 1; H317					
		Acute Tox. 2; H330					
		Aquatic Acute 1; H400 Aquatic Chronic 2; H411					
5	pyridine-2-thiol 1-o						
5	3811-73-2	EUH070	<	0.10	wt%		
	223-296-5	Acute Tox. 4; H302		0.10	VVL /0		
	613-344-00-7	Acute Tox. 3; H311					
	-	Acute Tox. 3; H331					
		Skin Irrit. 2; H315					
		Skin Sens. 1; H317					
		Eye Irrit. 2; H319					
		STOT RE 1; H372					
		Aquatic Acute 1; H400					
		Aquatic Chronic 2; H411					
	1	and FULL phrases, pla and section 16					

Replaced version: 3.4.2, issued: 07.08.2023

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

(*,**,***) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
4	-	Skin Sens. 1; H317: C >= 0.05%	-	-
5	-	-	M = 100	-

No	Route, target organ, concrete effect
5	H372
	-; nervous system; -



Region: GB

Product no.: 3940930

Current version : 3.5.0, issued: 21.12.2023

Replaced version: 3.4.2, issued: 07.08.2023

Acute toxicity estimate (ATE) values				
No	oral	dermal	inhalative	
2	1200 mg/kg bodyweight			

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

After inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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 Alcohol resistant foam, CO2, powders, water spray

Unsuitable extinguishing media 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); Toxic pyrolysis products; Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. Appropriate breathing apparatus may be required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Is not allowed to be released into the sewerage or water courses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Product no.: 3940930

Current version : 3.5.0, issued: 21.12.2023

Region: GB

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). Clean preferably with a detergent - avoid use of solvents.

Replaced version: 3.4.2, issued: 07.08.2023

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Due to the organic solvents' content of the mixture: Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet [sanding]/[flatting] should be used wherever possible. Avoid inhalation of dust from sanding. For personal protection see section 8.

General protective and hygiene measures

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Advice on protection against fire and explosion

Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Comply with legal health and safety regulations; Prevent unauthorised access. Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep away from sources of ignition. No smoking.

Requirements for storage rooms and vessels

Always keep in containers of same material as the original one. Never use pressure to empty: container is not a pressure vessel. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Observe label precautions.

Incompatible products

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

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-METHOXYMETHYLETHOXY)PROPANOL	34590-94-8		252-104-2	
	2000/39/EC				
	(2-Methoxymethylethoxy)-propanol				
	WEL long-term (8-hr TWA reference period)	308	mg/m³	50	ppm
	Skin resorption / sensibilisation	Skin			
	List of approved workplace exposure limits (WELs) / E	EH40			
	(2-Methoxymethylethoxy) propanol				
	WEL long-term (8-hr TWA reference period)	308	mg/m³	50	ppm
	Comments	Sk			
2	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			



Current version : 3.5.0. issued: 21.12.2023

Region: GB

List of approved workplace exposure limits (WELs) / EH40					
2-Butoxyethanol					
WEL short-term (15 min reference period)	246	mg/m³	50	ppm	
WEL long-term (8-hr TWA reference period)	123	mg/m³	25	ppm	
Comments	Sk, BMGV				

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name	Substance name			
	Route of exposure	Value			
1	2-butoxyethanol	111-76-2			
	-	203-905-0			
	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

DNEL value (consumer)

No	Substance name	Substance name				
	Route of exposure	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	
	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 good 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, suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits. In case of brush application: Filter A2. When applied by spraying: Filter A2P2. (DIN EN 14387)

Eye / face protection

Wear safety googles to protect against splashes. Safety glasses with side protection shield (EN 166)

Hand protection

Product no.: 3940930

Current version : 3.5.0, issued: 21.12.2023

Region: GB

"ei

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	In case of	short-term contact / sp	lash protect	ion: nitrile rubber		
Material thickness	>	0.4	mm			
Breakthrough time	>	120	min			
Appropriate Material	In case of	prolonged exposure: r	nitrile rubber			
Material thickness	>	0.4	mm			
Breakthrough time	>	480	min			

Other

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation				
liquid				
Form				
liquid				
Colour				
according to product name				
Odour				
characteristic				
pH value				
Value		7.8 -	7.8	
Boiling point / boiling range				
Value	appr.		100	°C
Melting point/freezing point				
No data available				
Decomposition temperature				
No data available				
Flash point				
Not applicable				
Ignition temperature				
No data available				
Oxidising properties				
Not applicable				
Flammability				
Not applicable				
Lower explosion limit				
No data available				
Upper explosion limit				
No data available				
Vapour pressure				
Value	<		100	hPa
Reference temperature			50	°C

Current version : 3.5.0. issued: 21.12.2023

Regio	n: GB

Relative density				
No data available				
Density				
Value	1.03	- 1.06	g/cm³	
Reference temperature		20	Ō	
Method	DIN 51757			
Solubility in water				
Comments	miscible			
Solubility				
No data available				
Partition coefficient n-octanol/wat	er (log value)	CAS no.		EC no.
1 2-butoxyethanol		111-76-2		203-905-0
		111-70-2	0.81	203-905-0
log Pow				°C
log Pow Reference temperature	ECHA		25	C°
log Pow Reference temperature Source	ECHA			°C
log Pow Reference temperature Source Kinematic viscosity			25	°C
log Pow Reference temperature Source Kinematic viscosity Value	ECHA 1600	- 1800	25 Pa*s	°C
log Pow Reference temperature Source Kinematic viscosity Value Reference temperature	1600	- 1800 20	25	°C
log Pow Reference temperature Source Kinematic viscosity			25 Pa*s	°C
log Pow Reference temperature Source Kinematic viscosity Value Reference temperature Method	1600		25 Pa*s	°C
log Pow Reference temperature Source Kinematic viscosity Value Reference temperature	1600		25 Pa*s	°C
log Pow Reference temperature Source Kinematic viscosity Value Reference temperature Method Solvent separation test	1600		25 Pa*s	°C

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4 Conditions to avoid Heat, naked flames and other ignition sources.

- **10.5** Incompatible materials Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- **10.6 Hazardous decomposition products** None if stored, handled and transported properly. In case of fire: see section 5.

SECTION 11: Toxicological information

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

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

No Product Name

1 einzA Aqua-Kompaktlasur, eiche hell

EU safety data sheet

Trade name: einzA Aqua-Kompaktlasur, eiche hell

Product no.: 3940930

Current version : 3.5.0, issued: 21.12.2023

Com	iments				thod according to the
					(CLP), Paragraph 3.1.3.6, Paragr
					imply a classification / labelli
			TE oral > 200		defining the respective
		Categories (F		iu niy/ky).	
	te oral toxicity				
	Substance name		CAS no.		EC no.
1	2-butoxyethanol		111-76-2	4000	203-905-0
ATE Spec		rat		1200	mg/kg bodyweigh
Sou		1272/2008/E	C. Annex VI		
		1212/2000/2			
	te dermal toxicity				
<u>NO</u> 1	Substance name 2-butoxyethanol		CAS no. 111-76-2		EC no. 203-905-0
LD5		>	111-70-2	2000	
Spe		guinea pig		2000	ing/kg bodyweigi
Meth		OECD 402			
Sou	rce	ECHA			
Acu	te inhalational toxicity (result of the A	TE calculation f	or the mixture		
	Product Name			·)	
1	einzA Aqua-Kompaktlasur, eiche hel	1			
Com	iments		the applied ca	alculation me	thod according to the
					(CLP), Paragraph 3.1.3.6, Pa
					imply a classification / labelli
					defining the respective
					0 ppmV (gases), > 20 mg/l
		(vapours), >	5 mg/l (dusts/	mists).	
	te inhalational toxicity				
	te inhalational toxicity lata available				
No c					
No d Skin	lata available corrosion/irritation Substance name		CAS no.		EC no.
No c Skin No 1	ata available corrosion/irritation Substance name 2-butoxyethanol		CAS no. 111-76-2		EC no. 203-905-0
No c Skin No 1 Dura	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure			4	
No c Skin No 1 Dura Spec	lata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies	rabbit		4	203-905-0
No c Skin No 1 Dura Spec Meth	lata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod	EU B.4		4	203-905-0
No c Skin No 1 Dura Spec Meth Sour	lata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce	EU B.4 ECHA		4	203-905-0
No c Skin No 1 Dura Spec Meth Sour Eval	lata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation	EU B.4		4	203-905-0
No c Skin No 1 Dura Spec Meth Sour Eval Seri	lata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation	EU B.4 ECHA	111-76-2	4	203-905-0 h
No c Skin No 1 Dura Spec Meth Sour Eval Seri No	lata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name	EU B.4 ECHA	111-76-2 CAS no.	4	203-905-0 h EC no.
No c Skin No 1 Dura Spec Meth Sour Eval Seri No 1	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol	EU B.4 ECHA	111-76-2		203-905-0 h EC no. 203-905-0
No c Skin No 1 Dura Spec Meth Sour Eval Seri No 1 Dura	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation	EU B.4 ECHA irritant	111-76-2 CAS no.	4	203-905-0 h EC no.
No o Skin No 1 Dura Spec Meth Sour Eval Seri No 1 Dura Spec	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation	EU B.4 ECHA irritant	111-76-2 CAS no.		203-905-0 h EC no. 203-905-0
No c Skin No 1 Dura Spec Meth Sour Eval Seri No 1 Dura	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod	EU B.4 ECHA irritant	111-76-2 CAS no.		203-905-0 h EC no. 203-905-0
No c Skin No 1 Dura Spec Soun Eval Scri No 1 Dura Spec Meth Soun Spec Meth Soun	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod	EU B.4 ECHA irritant	111-76-2 CAS no. 111-76-2		203-905-0 h EC no. 203-905-0
No c Skin No 1 Dura Spec Meth Soun Eval Dura Spec Meth Soun Eval	lata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod cce uation ation of exposure cies nod cce uation of exposure cies nod cce uation	EU B.4 ECHA irritant rabbit OECD 405 ECHA	111-76-2 CAS no. 111-76-2		203-905-0 h EC no. 203-905-0
No c Skin No 1 Dura Spec Meth Soun Eval Dura Spec Meth Soun Eval Res	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod ce uation Substance name 2-butoxyethanol ation of exposure cies nod rce uation rce uation piratory or skin sensitisation	EU B.4 ECHA irritant rabbit OECD 405 ECHA	111-76-2 CAS no. 111-76-2 yes		203-905-0 h EC no. 203-905-0 h
No c Skin No 1 Dura Spec Meth Soun Eval Dura Spec Meth Soun Eval Res	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies uation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation piratory or skin sensitisation Substance name	EU B.4 ECHA irritant rabbit OECD 405 ECHA	111-76-2 CAS no. 111-76-2		203-905-0 h EC no. 203-905-0 h EC no.
No c Skin No 1 Dura Spec Meth Soun Eval Dura Spec Meth Soun Eval Res No 1	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod ce uation Substance name 2-butoxyethanol ation of exposure cies nod rce uation rce uation piratory or skin sensitisation	EU B.4 ECHA irritant rabbit OECD 405 ECHA	111-76-2 CAS no. 111-76-2 yes CAS no.		203-905-0 h EC no. 203-905-0 h
No c Skin No 1 Dura Spec Meth Soun Eval Dura Spec Meth Soun Eval Res No 1	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation piratory or skin sensitisation Substance name 2-butoxyethanol ation piratory or skin sensitisation Substance name 2-butoxyethanol te of exposure	EU B.4 ECHA irritant rabbit OECD 405 ECHA Irritating to e	111-76-2 CAS no. 111-76-2 yes CAS no.		203-905-0 h EC no. 203-905-0 h EC no.
No c Skin No 1 Dura Spec Meth Soun Eval Spec No 1 Res No 1 Rout Spec Meth	lata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation piratory or skin sensitisation Substance name 2-butoxyethanol te of exposure cies nod te of exposure cies nod	EU B.4 ECHA irritant rabbit OECD 405 ECHA Irritating to e Skin guinea pig OECD 406	111-76-2 CAS no. 111-76-2 yes CAS no.		203-905-0 h EC no. 203-905-0 h EC no.
No c Skin No 1 Dura Spec Meth Soun Eval Dura Spec No 1 Res No 1 Rout Spec Meth Soun Eval	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation piratory or skin sensitisation Substance name 2-butoxyethanol te of exposure cies nod rce uation	EU B.4 ECHA irritant rabbit OECD 405 ECHA Irritating to e Skin guinea pig OECD 406 ECHA	111-76-2 CAS no. 111-76-2 yes CAS no. 111-76-2		203-905-0 h EC no. 203-905-0 h EC no.
No c Skin No 1 Dura Spec Meth Soun Eval Dura Spec No 1 Res No 1 Rout Spec Meth Soun Eval	lata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation piratory or skin sensitisation Substance name 2-butoxyethanol te of exposure cies nod te of exposure cies nod	EU B.4 ECHA irritant rabbit OECD 405 ECHA Irritating to e Skin guinea pig OECD 406	111-76-2 CAS no. 111-76-2 yes CAS no. 111-76-2		203-905-0 h EC no. 203-905-0 h EC no.
No c Skin No 1 Dura Spec Metr Sour Eval Seri No 1 Dura Spec Metr Sour Eval Res No 1 Rour Spec No 1 Rour Spec Seri Sour Eval	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation piratory or skin sensitisation Substance name 2-butoxyethanol cies nod rce uation te of exposure cies nod rce uation	EU B.4 ECHA irritant rabbit OECD 405 ECHA Irritating to e Skin guinea pig OECD 406 ECHA	111-76-2 CAS no. 111-76-2 yes CAS no. 111-76-2		203-905-0 h EC no. 203-905-0 h EC no.
No c Skin No 1 Dura Spec Metr Sour Eval Dura Spec Mot Sour Eval Res No 1 Res No 1 Rour Spec Kour Eval Spec Metr Sour Eval Spec Seri Metr Sour Eval Spec Seri No 1 Spec Seri Seri Seri Seri Seri Seri Seri Seri	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation piratory or skin sensitisation Substance name 2-butoxyethanol te of exposure cies nod rce uation	EU B.4 ECHA irritant rabbit OECD 405 ECHA Irritating to e Skin guinea pig OECD 406 ECHA	111-76-2 CAS no. 111-76-2 yes CAS no. 111-76-2		203-905-0 h EC no. 203-905-0 h EC no.
No c Skin No 1 Dura Spec Metr Sour Eval Dura Spec Mot Sour Eval Res No 1 Res No 1 Rour Spec Spec Mot Spec Spec Spec Metr Sour Eval Spec Spec Spec Spec Spec Spec Spec Spec	ata available corrosion/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation ous eye damage/irritation Substance name 2-butoxyethanol ation ous eye damage/irritation Substance name 2-butoxyethanol ation of exposure cies nod rce uation piratory or skin sensitisation Substance name 2-butoxyethanol te of exposure cies nod rce uation te of exposure cies nod rce uation mation	EU B.4 ECHA irritant rabbit OECD 405 ECHA Irritating to e Skin guinea pig OECD 406 ECHA	111-76-2 CAS no. 111-76-2 yes CAS no. 111-76-2		203-905-0 h EC no. 203-905-0 h EC no. 203-905-0

Replaced version: 3.4.2, issued: 07.08.2023



einzA

Product no.: 3940930

Current version : 3.5.0, issued: 21.12.2023	Replaced version: 3.4.2, issued:	07.08.2023 Regic	Region: GB	
Source Evaluation/classification	ECHA Based on available data, the class	sification criteria are not met.		
Reproduction toxicity No data available				
Carcinogenicity				
No Substance name	CAS no.	EC no.		
1 2-butoxyethanol Species	111-76-2	203-905-0		
Method	OECD 451			
Source	ECHA			
Evaluation/classification	Based on available data, the class	sification criteria are not met.		
STOT - single exposure				
No data available				
STOT - repeated exposure				
No Substance name 1 2-butoxyethanol	CAS no. 111-76-2	EC no. 203-905-0		
Source	ECHA	203-905-0		
Evaluation/classification	Based on available data, the class	sification criteria are not met.		
Aspiration hazard				
No data available				
Delayed and immediate effects as well as	s chronic effects from short and long-	term exposure		
Exposure to component solvents vapours of in adverse health effects such as mucous m liver and central nervous system. Symptom drowsiness and in extreme cases, loss of co through the skin. Repeated or prolonged co resulting in non-allergic contact dermatitis a irritation and reversible damage. Ingestion n known, delayed and immediate effects and by oral, inhalation and dermal routes of exp	nembrane and respiratory system irritations s and signs include headache, dizziness consciousness. Solvents may cause some ntact with the mixture may cause remove nd absorption through the skin. The liqui nay cause nausea, diarrhoea and vomiti also chronic effects of components from	n and adverse effects on kidney, , fatigue, muscular weakness, e of the above effects by absorptio al of natural fat from the skin d splashed in the eyes may cause ng. This takes into account, where	on e e	
11.2 Information on other hazards				
Endocrine disrupting properties No data available.				
Other information No data available.				
SECTION 12: Ecological information				
12.1 Toxicity				
Toxicity to fish (acute)				
No Substance name	CAS no.	EC no.		

einz

No	Substance name	CAS no.		EC no.	
1	2-butoxyethanol	111-76-2		203-905-0	
LC5	0		1474	mg/l	
Dura	ation of exposure		96	h	
Spe	cies	Oncorhynchus mykiss			
Meth	nod	OECD 203			
Sou	rce	ECHA			

Toxi	city to fish (chronic)				
No	Substance name	CAS n	0.	EC no.	
1	2-butoxyethanol	111-76	-2	203-905-0	
NOE	C	>	100	mg/l	
Dura	ation of exposure		21	day(s)	
Spee	cies	Danio rerio			
Meth	nod	OECD 204			
Sour	rce	ECHA			

Toxicity to Daphnia (acute)

Trade name: einzA Aqua-Kompaktlasur, eiche hell

Product no.: 3940930

No Substance name

1 2-butoxyethanol

Duration of exposure

EC50

Species

Current version : 3.5.0, issued: 21.12.2023

Spe	cles	Daphnia magna	
Metl	nod	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
NOE	EC	100	D mg/l
Dura	ation of exposure	21	day(s)
Spe	cies	Daphnia magna	
Metl	nod	OECD 211	
Sou	rce	ECHA	
_		•	
	icity to algae (acute)		
No	Substance name	CAS no.	EC no.
1	2-butoxyethanol	111-76-2	203-905-0
EC5		91	1 mg/l
Dura	ation of exposure	72	h
Spe		Pseudokirchneriella subcapitata	
Met	nod	OECD 201	
Sou	rce	ECHA	
		-	
	icity to algae (chronic)		
No d	lata available		
Der			
	teria toxicity		

Daphnia magna

Replaced version: 3.4.2, issued: 07.08.2023

1550

48

CAS no.

111-76-2

No data available

12.2 Persistence and degradability

Bioc	legradability			
No	Substance name	CAS no.		EC no.
1	2-butoxyethanol	111-76-2		203-905-0
Туре	9	aerobic biodegradation		
Valu	e		90.4	%
Dura	ation		28	day(s)
Meth	nod	OECD 301 B		
Sour	rce	ECHA		
Eval	uation	readily biodegradable		

12.3 Bioaccumulative potential

Part	Partition coefficient n-octanol/water (log value)			
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
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	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

12.6 Endocrine disrupting properties No data available.

12.7 Other adverse effects



EC no.

203-905-0

mg/l

h

Region: GB

Current version : 3.5.0, issued: 21.12.2023

Replaced version: 3.4.2, issued: 07.08.2023

No data available.

12.8 Other information

Other information

Do not allow to enter drains or water courses.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste code

08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company. 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.

Packaging

Residues 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. Empty containers must be scrapped or reconditioned.

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

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments 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 contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

Product no.: 3940930

Current version : 3.5.0. issued: 21.12.2023

No	Substance name	CAS no.	EC no.	No
1	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	75
2	2-(2-butoxyethoxy)ethanol	112-34-5	203-961-6	55, 75
3	2-butoxyethanol	111-76-2	203-905-0	75
4	CARBON BLACK	1333-86-4	215-609-9	75
5	formaldehyde	50-00-0	200-001-8	75
6	pyridine-2-thiol 1-oxide, sodium salt	3811-73-2	223-296-5	75

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.

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)VOC content4.73 %

Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

relevant VOC limit value as referred to in Annex II of Directive 2004/42/CE, Cat. : e, type: wb = 130 g/l Max. VOC content (limit value) of the product in its ready for use condition = < 130 g/l

National regulations

Other national regulations

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment.

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.

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

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.

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

EUH070	Toxic by eye contact.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Creation of the safety data sheet

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

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.

Current version : 3.5.0, issued: 21.12.2023 Replaced v

Replaced version: 3.4.2, issued: 07.08.2023

Region: GB

ein

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH. Prod-ID 653716