

**Trade name:** einzA Rapid-Primer, weiß

**Product no.:** 7610130

**Current version:** 1.0.0, Revision: 28.01.2026

**Replaced version:** -, Revision: -

**Region:**  
GER

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

### 1.1 Product identifier

**Trade name**

**einzA Rapid-Primer, weiß**

**UFI:**

**EQQC-01UU-W001-UPC7**

### 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

**Information provided by / telephone**

In emergencies, the country-specific emergency number can be found in the corresponding country-specific safety data sheets.

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

+49 (0)40 0511 - 674 90-0

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Aquatic Chronic 2; H411

Flam. Liq. 3; H226

STOT RE 2; H373

**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**



GHS02



GHS08



GHS09

**Signal word**

Warning

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Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

**Hazard statement(s)**

H226 Flammable liquid and vapour.  
 H373 May cause damage to organs through prolonged or repeated exposure  
 H411 Toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P260 Do not breathe vapours/spray.  
 P273 Avoid release to the environment.  
 P370+P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.  
 P391 Collect spillage.  
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

**UFI:**

EQQC-01UU-W001-UPC7

**2.3 Other hazards**

The product does not contain any components > 0.1% that meet the criteria for PBT and vPvB according to Regulation (EC) No. 1907/2006, Annex XIII, or that have been included in the list compiled in accordance with Article 59(1). This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**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)	Concentration %
1	<b>barium sulfate, natural</b>		
	7727-43-7 231-784-4 - -	-	>= 10,00 - < 25,00 wt%
2	<b>Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>		
	- 927-344-2 - 01-2119463586-28	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H336 STOT RE 1; H372 Aquatic Chronic 2; H411 EUH066	>= 5,00 - < 10,00 wt%
3	<b>xylene</b>		
	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32	STOT RE 2; H373 Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 Acute Tox. 4; H332	>= 5,00 - < 10,00 wt%

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4	<b>zinc oxide</b> 1314-13-2 215-222-5 030-013-00-7 01-2119463881-32	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 2,50 - < 25,00	wt%
5	<b>Reaction mass of xylene and ethylbenzene</b> - 905-588-0 - 01-2119488216-32	Acute Tox. 4; H312 Acute Tox. 4; H332 Asp. Tox. 1; H304 Eye Irrit. 2; H319 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H335 STOT RE 2; H373 Aquatic Chronic 3; H412	< 5,00	wt%
6	<b>ethylbenzene</b> 100-41-4 202-849-4 601-023-00-4 01-2119489370-35	Acute Tox. 4*; H332 Asp. Tox. 1; H304 Flam. Liq. 2; H225 STOT RE 2; H373	< 2,50	wt%
7	<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> - 918-481-9 - 01-2119457273-39	Asp. Tox. 1; H304 EUH066	< 2,50	wt%

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	C	STOT RE 2; H373: C >= 10%	-	-
4	-	-	M = 1	M = 1

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

No	Route, target organ, concrete effect
6	H373 -; hearing organs; -

## 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.

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#### 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, CO<sub>2</sub>, 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 (CO<sub>2</sub>); 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

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Do not allow to enter drains/watercourses/soil.

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

#### 6.4 Reference to other sections

No data available.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

**Advice on safe handling**

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. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. 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]/[flattening] 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. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

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**7.2 Conditions for safe storage, including any incompatibilities**

**Technical measures and storage conditions**

Comply with legal health and safety regulations; Storage in accordance with the Ordinance on Industrial Safety and Health. 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.

**Storage Class according TRGS 510**

3 Flammable liquids

**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	<b>barium sulfate, natural</b>	<b>7727-43-7</b>	<b>231-784-4</b>		
	<b>2006/15/EC</b>				
	Barium (soluble compounds as Ba)				
	WEL long-term (8-hr TWA reference period)	0,5	mg/m <sup>3</sup>		
2	<b>xylene</b>	<b>1330-20-7</b>	<b>215-535-7</b>		
	<b>2000/39/EC</b>				
	Xylene, mixed isomers, pure				
	WEL short-term (15 min reference period)	442	mg/m <sup>3</sup>	100	ppm
	WEL long-term (8-hr TWA reference period)	221	mg/m <sup>3</sup>	50	ppm
	Skin resorption / sensibilisation	Skin			
	<b>TRGS 900</b>				
	Xylol (alle Isomeren)				
	WEL long-term (8-hr TWA reference period)	220	mg/m <sup>3</sup>	50	ml/m <sup>3</sup>
	Ceiling Limit	2(II)			
	Skin resorption / sensibilisation	H			
3	<b>ethylbenzene</b>	<b>100-41-4</b>	<b>202-849-4</b>		
	<b>TRGS 900</b>				
	Ethylbenzol				
	WEL long-term (8-hr TWA reference period)	88	mg/m <sup>3</sup>	20	ml/m <sup>3</sup>
	Ceiling Limit	2(II)			
	Skin resorption / sensibilisation	H			
	Notes	Y			
	<b>2000/39/EC</b>				
	Ethylbenzene				
	WEL short-term (15 min reference period)	884	mg/m <sup>3</sup>	200	ppm
	WEL long-term (8-hr TWA reference period)	442	mg/m <sup>3</sup>	100	ppm
	Skin resorption / sensibilisation	Skin			
4	<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>		<b>918-481-9</b>		
	<b>TRGS 900</b>				
	Kohlenwasserstoffgemische, Verwendung als Lösemittel (Lösemittelkohlenwasserstoffe), additiv-frei: C9-C15 Aliphaten				
	WEL long-term (8-hr TWA reference period)	600	mg/m <sup>3</sup>		
	Ceiling Limit	2 (II)			

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## Biological limit values

No	Substance name	
1	<b>xylene</b>	
	<b>TRGS 903</b>	
	Xylol (alle Isomere)	
	parameter	Methylhippursäure
	Value	1800 mg/g Kreatinin
	Comments	DFG
	sample material	U
	Sampling moment	b
2	<b>ethylbenzene</b>	
	<b>TRGS 903</b>	
	Ethylbenzol	
	parameter	Mandelsäure plus Phenylglyoxylsäure
	Value	250 mg/g Kreatinin
	Comments	DFG
	sample material	U
	Sampling moment	b

## DNEL, DMEL and PNEC values

### DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>			-	
				<b>927-344-2</b>	
	dermal	Long term (chronic)	systemic	21	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	330	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	570	mg/m <sup>3</sup>
2	<b>xylene</b>			<b>1330-20-7</b>	
				<b>215-535-7</b>	
	dermal	Long term (chronic)	systemic	212	mg/kg/day
	inhalative	Short term (acut)	systemic	442	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	221	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	221	mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	442	mg/m <sup>3</sup>
3	<b>Reaction mass of xylene and ethylbenzene</b>			-	
				<b>905-588-0</b>	
	dermal	Long term (chronic)	systemic	212	mg/kg/day
	inhalative	Long term (chronic)	systemic	221	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	442	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	221	mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	442	mg/m <sup>3</sup>
4	<b>ethylbenzene</b>			<b>100-41-4</b>	
				<b>202-849-4</b>	
	dermal	Long term (chronic)	systemic	180	mg/kg/day
	inhalative	Long term (chronic)	systemic	77	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	293	mg/m <sup>3</sup>

### DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>			-	
				<b>927-344-2</b>	
	oral	Long term (chronic)	systemic	21	mg/kg bw/day
	dermal	Long term (chronic)	systemic	12	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	71	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	570	mg/m <sup>3</sup>

# EU safety data sheet



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2	<b>xylene</b>			<b>1330-20-7</b> <b>215-535-7</b>
	oral	Long term (chronic)	systemic	5 mg/kg/day
	dermal	Long term (chronic)	systemic	125 mg/kg/day
	inhalative	Short term (acut)	systemic	260 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	65,3 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	65,3 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	260 mg/m <sup>3</sup>
3	<b>Reaction mass of xylene and ethylbenzene</b>			- <b>905-588-0</b>
	oral	Long term (chronic)	systemic	5 mg/kg/day
	dermal	Long term (chronic)	systemic	125 mg/kg/day
	inhalative	Short term (acut)	systemic	260 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	65,3 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	260 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	65,3 mg/m <sup>3</sup>
4	<b>ethylbenzene</b>			<b>100-41-4</b> <b>202-849-4</b>
	oral	Long term (chronic)	systemic	1,6 mg/kg/day
	inhalative	Long term (chronic)	systemic	15 mg/m <sup>3</sup>

## PNEC values

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	<b>xylene</b>		<b>1330-20-7</b> <b>215-535-7</b>
	water	fresh water	0,327 mg/L
	water	marine water	0,327 mg/L
	water	fresh water sediment	12,46 mg/kg
	water	marine water sediment	12,46 mg/kg
	soil	-	2,31 mg/kg
	sewage treatment plant	-	6,58 mg/L
2	<b>zinc oxide</b>		<b>1314-13-2</b> <b>215-222-5</b>
	water	fresh water	17,9 µg/L
	with reference to: Zn		
	water	marine water	9 µg/L
	with reference to: Zn		
	water	fresh water sediment	182,8 mg/kg
	water	marine water sediment	201,9 mg/kg
	with reference to: Zn, dry weight		
	soil	-	103,4 mg/kg
	with reference to: Zn, dry weight		
	sewage treatment plant	-	124,5 µg/L
3	<b>Reaction mass of xylene and ethylbenzene</b>		- <b>905-588-0</b>
	water	fresh water	0,044 mg/L
	water	marine water	0,004 mg/L
	water	fresh water sediment	2,52 mg/kg
	water	marine water sediment	0,252 mg/kg
	soil	-	0,852 mg/kg dry weight
	sewage treatment plant	-	1,6 mg/L
4	<b>ethylbenzene</b>		<b>100-41-4</b> <b>202-849-4</b>
	water	fresh water	0,1 mg/L
	water	marine water	0,01 mg/L
	water	Aqua intermittent	0,1 mg/L
	water	marine water sediment	1,37 mg/kg
	with reference to: dry weight		

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water	fresh water sediment	13,7	mg/kg
with reference to: dry weight			
soil	-	2,68	mg/kg
with reference to: dry weight			
sewage treatment plant	-	9,6	mg/L
secondary poisoning	-	0,02	g/kg
with reference to: food			

**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 goggles to protect against splashes. Safety glasses with side protection shield (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	In case of short-term contact / splash protection: nitrile rubber		
Material thickness	>	0,4	mm
Breakthrough time	>	120	min
Appropriate Material	In case of prolonged exposure: 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**

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
according to product name	
<b>Odour</b>	
like solvents	
<b>pH value</b>	
reason for missing pH	substance/mixture is non-soluble (in water)
<b>Boiling point / boiling range</b>	

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Value	>	120	°C
Reference substance	solvent mixture		
<b>Melting point/freezing point</b>			
No data available			
<b>Decomposition temperature</b>			
No data available			
<b>Flash point</b>			
Value	36	-	38 °C
Method	closed cup		
<b>Ignition temperature</b>			
Value	>	200	°C
Reference substance	solvent mixture		
<b>Oxidising properties</b>			
Not applicable			
<b>Flammability</b>			
Not applicable			
<b>Lower explosion limit</b>			
Value	>	0,6	% vol
Reference substance	solvent mixture		
<b>Upper explosion limit</b>			
Value	<	7,5	% vol
Reference substance	solvent mixture		
<b>Vapour pressure</b>			
Value	<	100	hPa
Reference temperature		50	°C
Reference substance	solvent mixture		
<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
Value	1,40	-	1,50 g/cm <sup>3</sup>
Reference temperature		20	°C
Method	DIN 51757		
<b>Solubility in water</b>			
Comments	immiscible		
<b>Solubility</b>			
No data available			
<b>Partition coefficient n-octanol/water (log value)</b>			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
	log Pow		3,12
	Reference temperature		20 °C
	with reference to	pH 7	
	Source	ECHA	
2	Reaction mass of xylene and ethylbenzene	-	905-588-0
	log Pow		3,16
	Reference temperature		20 °C
	Source	ECHA	
3	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9

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log Pow	3,17	-	7,22
Method	QSAR		
Source	ECHA		

Kinematic viscosity			
Value	26	-	28 sec
Reference temperature	20 °C		
Method	DIN EN 2431 (6 mm)		

Solvent separation test			
Value	<	3	%
Reference temperature	20 °C		

Particle characteristics			
No data available			

## 9.2 Other information

Other information			
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			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
LD50	>	15000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	xylene	1330-20-7	215-535-7
LD50		3523	mg/kg bodyweight
Species	rat		
Method	EU Method B.1		
Source	ECHA		
3	zinc oxide	1314-13-2	215-222-5
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
4	Reaction mass of xylene and ethylbenzene	-	905-588-0
LD50		3523	mg/kg bodyweight

# EU safety data sheet



**Trade name:** einzA Rapid-Primer, weiß

**Product no.:** 7610130

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Species	rat
Method	EU Method B.1
Source	ECHA
<b>5</b>	<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> - <b>918-481-9</b>
LD50	> 15000 mg/kg bodyweight
Species	rat
Method	OECD 401
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Acute dermal toxicity (result of the ATE calculation for the mixture)	
Product Name	
<b>einzA Rapid-Primer, weiß</b>	
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 dermal > 2000 mg/kg).

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>zinc oxide</b>	<b>1314-13-2</b>	<b>215-222-5</b>
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
Product Name	
<b>einzA Rapid-Primer, weiß</b>	
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 for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists)).

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>zinc oxide</b>	<b>1314-13-2</b>	<b>215-222-5</b>
LC50	>	5,7	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>	<b>-</b>	<b>927-344-2</b>
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
<b>2</b>	<b>xylene</b>	<b>1330-20-7</b>	<b>215-535-7</b>
Species	rabbit		
Method	EU B.4		
Source	ECHA		
Evaluation	irritant		
<b>3</b>	<b>zinc oxide</b>	<b>1314-13-2</b>	<b>215-222-5</b>
Species	Human Skin Model		

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Method	OECD 431
Source	ECHA
Evaluation	non-irritant

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		non-irritant	
2	zinc oxide	1314-13-2	215-222-5
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		non-irritant	

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	
2	zinc oxide	1314-13-2	215-222-5
Route of exposure		Skin	
Species		Guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
Method		OECD 479	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	xylene	1330-20-7	215-535-7
Species		Chinese hamster Ovary (CHO)	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	zinc oxide	1314-13-2	215-222-5
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
4	Reaction mass of xylene and ethylbenzene	-	905-588-0
Species		Chinese hamster Ovary (CHO)	
Method		EU Method B.10	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
5	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
Type of examination		in vitro gene mutation study in bacteria	
Species		S. typhimurium TA 1535, TA 1537, TA 98 and TA 100S. typhimurium TA 1535, TA 1537, TA 98, TA 100, TA 102	
Method		OECD 471	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

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Route of exposure	oral
Type of examination	In vivo mammalian somatic cell study: cytogenicity / erythrocyte micronucleus
Species	mouse
Method	OECD 474
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
Method		OECD 413	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	zinc oxide	1314-13-2	215-222-5
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
Method		OECD 453	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	xylene	1330-20-7	215-535-7
Species		mouse	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	zinc oxide	1314-13-2	215-222-5
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
4	Reaction mass of xylene and ethylbenzene	-	905-588-0
Species		rats (male/female)	
Method		EU Method B.32	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

STOT - single exposure
No data available

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
Route of exposure		oral	
NOAEL		>= 500	mg/kg bw/d
Species		rat	
Method		OECD 408	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard
No data available

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

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Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

## 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.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
LL50		10	- 30 mg/l
Duration of exposure			96 h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
2	xylene	1330-20-7	215-535-7
LC50			7,6 mg/l
Duration of exposure			96 h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Toxicity to fish (chronic)			
No data available			
Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
EL50		10	- 22 mg/l
Duration of exposure			48 h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
NOEC			0,097 mg/l
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.

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1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
EL50		4,1	mg/l
Duration of exposure		72	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		
2	xylene	1330-20-7	215-535-7
EC50		4,7	mg/l
Duration of exposure		72	h
Species	Selenastrum capricornutum		
Method	OECD 201		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

**Toxicity to algae (chronic)**

No data available

**Bacteria toxicity**

No data available

**12.2 Persistence and degradability**

Biodegradability			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C8-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	-	927-344-2
Value		74,7	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
2	xylene	1330-20-7	215-535-7
Type	aerobic biodegradation		
Value		94	%
Duration		28	d
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
log Pow		3,12	
Reference temperature with reference to		20	°C
Source	pH 7 ECHA		
2	Reaction mass of xylene and ethylbenzene	-	905-588-0
log Pow		3,16	
Reference temperature		20	°C
Source	ECHA		
3	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
log Pow		3,17	- 7,22
Method	QSAR		
Source	ECHA		

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment

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No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
PBT assessment		The substance is not PBT.	
vPvB assessment		The substance is not vPvB.	
Source		ECHA	

## 12.6 Endocrine disrupting properties

No data available.

## 12.7 Other adverse effects

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.

Allow paint/varnish to dry out completely in a well-ventilated area and dispose of in residual waste once completely solidified. Dispose of liquid or non-drying residues separately.

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 UN number or ID number

ADR/RID/ADN UN1263  
IMDG UN1263  
ICAO-TI / IATA UN1263

### 14.2 UN proper shipping name

ADR/RID/ADN PAINT  
IMDG PAINT  
ICAO-TI / IATA Paint

### 14.3 Transport hazard class(es)

ADR/RID/ADN - Class 3  
Label 3  
Classification code F1  
Tunnel restriction code D/E  
Hazard identification no. 30  
IMDG - Class 3  
Label 3  
ICAO-TI / IATA - Class 3  
Label 3

### 14.4 Packing group

ADR/RID/ADN III  
IMDG III  
ICAO-TI / IATA III

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GER**14.5 Environmental hazards**

ADR/RID/ADN	Symbol "fish and tree"
IMDG	Symbol "fish and tree"
EmS	F-E+S-E

**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 is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3, 40

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	2-aminoethanol	141-43-5	205-483-3	75
2	2-methylpentane-2,4-diol	107-41-5	203-489-0	75
3	Cumene	98-82-8	202-704-5	75
4	propylene carbonate	108-32-7	203-572-1	75
5	titanium dioxide	13463-67-7	236-675-5	75
6	xylene	1330-20-7	215-535-7	75

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

This product is subject to Part I of Annex I, risk category: E2, P5c

If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply.

**Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)**

VOC content 21,02 %

**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. : i, type: lb = 500 g/l  
Max. VOC content (limit value) of the product in its ready for use condition = < 500 g/l

**National regulations****Water Hazard Class (Germany)**

Class	2
Source	Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

**Other regulations**

GISCODE	BSL30	Covering agents, solvent based, containing aromatic substances, labeled
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GER**Other national regulations**

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment. For example, TRGS (Technical Rules for Hazardous Substances) and the DGUV (German Social Accident Insurance) rules.

**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)**

EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**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.

**Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)**

C	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
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**Creation of the safety data sheet**

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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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