

Trade name: einZA mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack

Product no.: 0071318

Current version : 4.0.0, issued: 04.01.2024

Replaced version: 3.2.1, issued: 14.03.2023

Region: GB

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

**1.1 Product identifier**

Trade name

**einZA mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack**

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

Aquatic Chronic 2; H411  
Eye Dam. 1; H318  
Flam. Liq. 3; H226  
Skin Irrit. 2; H315  
Skin Sens. 1; H317  
STOT SE 3; H336

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



GHS05



GHS07



GHS09

Signal word

Danger

Hazardous component(s) to be indicated on label:

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight > 700 - < 1100)

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2-methoxy-1-methylethyl acetate  
butan-1-ol

**Hazard statement(s)**

H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
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.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/eye protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P370+P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.  
P391 Collect spillage.  
P405 Store locked up.  
P501 Dispose of contents/container to a facility in accordance with local and national regulations.

**2.3 Other hazards**

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**

No	Substance name	Classification (EC) 1272/2008 (CLP)	Additional information	%
	CAS / EC / Index / REACH no		Concentration	
1	<b>reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight &gt; 700 - &lt; 1100)</b>			
	25068-38-6 500-033-5 - -	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 10.00 - < 25.00	wt%
2	<b>2-methoxy-1-methylethyl acetate</b>			
	108-65-6 203-603-9 607-195-00-7 01-2119475791-29	Flam. Liq. 3; H226 STOT SE 3; H336	>= 10.00 - < 25.00	wt%
3	<b>Hydrocarbons, C9, aromatics</b>		<b>pls. refer to footnote (2)</b>	
	64742-95-6 918-668-5 649-356-00-4 01-2119455851-35	Flam. Liq. 3; H226 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411 Asp. Tox. 1; H304 EUH066	>= 5.00 - < 10.00	wt%

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4	<b>xylene</b>			
	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32	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 Aquatic Chronic 3; H412	>= 5.00 - < 10.00	wt%
5	<b>butan-1-ol</b>			
	71-36-3 200-751-6 603-004-00-6 01-2119484630-38	Acute Tox. 4; H302 Eye Dam. 1; H318 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H335 STOT SE 3; H336	< 5.00	wt%
6	<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%
7	<b>ethylbenzene</b>		<b>pls. refer to footnote (1)</b>	
	100-41-4 202-849-4 601-023-00-4 -	Acute Tox. 4; H332 Flam. Liq. 2; H225 Asp. Tox. 1; H304 STOT RE 2; H373 Aquatic Chronic 3; H412	< 2.50	wt%
8	<b>trizinc bis(orthophosphate)</b>			
	7779-90-0 231-944-3 030-011-00-6 01-2119485044-40	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 2.50	wt%

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

(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.

(2) According to the latest state of knowledge and applying the criteria set out in annex I to Regulation (EC) No 1272/2008, the aforementioned classification is required. This classification goes beyond the classification set out in table 3, Annex VI to Regulation (CE) No 1272/2008.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	P	-	-	-
6	-	-	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
7	H373 inhalational; hearing; -

## 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.

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**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, 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**

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**

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.

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#### 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.

## 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-methoxy-1-methylethyl acetate	108-65-6	203-603-9
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
1-Methoxypropylacetate			
	WEL short-term (15 min reference period)	548	mg/m <sup>3</sup> 100 ppm
	WEL long-term (8-hr TWA reference period)	274	mg/m <sup>3</sup> 50 ppm
	Comments	Sk	
<b>2000/39/EC</b>			
2-Methoxy-1-methylethylacetate			
	WEL short-term (15 min reference period)	550	mg/m <sup>3</sup> 100 ppm
	WEL long-term (8-hr TWA reference period)	275	mg/m <sup>3</sup> 50 ppm
	Skin resorption / sensibilisation	Skin	
2	xylene	1330-20-7	215-535-7
<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>List of approved workplace exposure limits (WELs) / EH40</b>			
Xylene, o-, m-, p- or mixed isomers			
	WEL short-term (15 min reference period)	441	mg/m <sup>3</sup> 100 ppm
	WEL long-term (8-hr TWA reference period)	220	mg/m <sup>3</sup> 50 ppm
	Comments	Sk, BMGV	
3	butan-1-ol	71-36-3	200-751-6
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Butan-1-ol			
	WEL short-term (15 min reference period)	154	mg/m <sup>3</sup> 50 ppm
	Comments	Sk	
4	ethylbenzene	100-41-4	202-849-4
<b>2000/39/EC</b>			
Ethylbenzene			
	WEL short-term (15 min reference period)	884	mg/m <sup>3</sup> 200 ppm

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WEL long-term (8-hr TWA reference period)	442	mg/m <sup>3</sup>	100	ppm
Skin resorption / sensibilisation	Skin			
<b>List of approved workplace exposure limits (WELs) / EH40</b>				
Ethylbenzene				
WEL short-term (15 min reference period)	552	mg/m <sup>3</sup>	125	ppm
WEL long-term (8-hr TWA reference period)	441	mg/m <sup>3</sup>	100	ppm
Comments	Sk			

## DNEL, DMEL and PNEC values

### DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>2-methoxy-1-methylethyl acetate</b>			<b>108-65-6</b> <b>203-603-9</b>	
	dermal	Long term (chronic)	systemic	796	mg/kg/day
	inhalative	Long term (chronic)	systemic	275	mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	550	mg/m <sup>3</sup>
2	<b>Hydrocarbons, C9, aromatics</b>			<b>64742-95-6</b> <b>918-668-5</b>	
	dermal	Long term (chronic)	systemic	12.5	mg/kg/day
	inhalative	Long term (chronic)	systemic	151	mg/m <sup>3</sup>
3	<b>xylene</b>			<b>1330-20-7</b> <b>215-535-7</b>	
	dermal	Long term (chronic)		180	mg/kg/day
	inhalative	Short term (acut)		289	mg/m <sup>3</sup>
	inhalative	Long term (chronic)		77	mg/m <sup>3</sup>
4	<b>butan-1-ol</b>			<b>71-36-3</b> <b>200-751-6</b>	
	inhalative	Long term (chronic)	local	310	mg/m <sup>3</sup>
5	<b>zinc oxide</b>			<b>1314-13-2</b> <b>215-222-5</b>	
	dermal	Long term (chronic)	systemic	83	mg/kg/day
	with reference to: Zn Comments: insoluble				
	inhalative	Long term (chronic)	systemic	5	mg/m <sup>3</sup>
	with reference to: Zn Comments: insoluble				
	inhalative	Long term (chronic)	local	0.5	mg/m <sup>3</sup>
	with reference to: Zn Comments: insoluble				

### DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>2-methoxy-1-methylethyl acetate</b>			<b>108-65-6</b> <b>203-603-9</b>	
	oral	Long term (chronic)	systemic	36	mg/kg/day
	oral	Short term (acut)	systemic	500	mg/kg/day
	dermal	Long term (chronic)	systemic	320	mg/kg/day
	inhalative	Long term (chronic)	systemic	33	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	33	mg/m <sup>3</sup>
2	<b>Hydrocarbons, C9, aromatics</b>			<b>64742-95-6</b> <b>918-668-5</b>	
	oral	Long term (chronic)	systemic	7.5	mg/kg/day
	dermal	Long term (chronic)	systemic	7.5	mg/kg/day
	inhalative	Long term (chronic)	systemic	32	mg/m <sup>3</sup>
3	<b>xylene</b>			<b>1330-20-7</b> <b>215-535-7</b>	
	oral	Long term (chronic)		1.6	mg/kg/day
	dermal	Long term (chronic)		108	mg/kg/day

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	inhalative	Short term (acute)		174	mg/m <sup>3</sup>
	inhalative	Long term (chronic)		14.8	mg/m <sup>3</sup>
4	<b>butan-1-ol</b>			<b>71-36-3</b> <b>200-751-6</b>	
	oral	Long term (chronic)	systemic	1.562	mg/kg/day
	dermal	Long term (chronic)	systemic	3.125	mg/kg/day
	inhalative	Long term (chronic)	systemic	55.357	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	155	mg/m <sup>3</sup>
5	<b>zinc oxide</b>			<b>1314-13-2</b> <b>215-222-5</b>	
	oral	Long term (chronic)	systemic	0.83	mg/kg/day
	with reference to: Zn Comments: insoluble				
	dermal	Long term (chronic)	systemic	83	mg/kg/day
	with reference to: Zn Comments: insoluble				
	inhalative	Long term (chronic)	systemic	2.5	mg/m <sup>3</sup>
	with reference to: Zn Comments: insoluble				

**PNEC values**

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	<b>2-methoxy-1-methylethyl acetate</b>		<b>108-65-6</b> <b>203-603-9</b>
	water	fresh water	0.635 mg/L
	water	marine water	0.064 mg/L
	water	fresh water sediment	3.29 mg/kg
	with reference to: dry weight		
	water	marine water sediment	0.329 mg/kg
	with reference to: dry weight		
	soil	-	0.29 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	100 mg/L
2	<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
3	<b>butan-1-ol</b>		<b>71-36-3</b> <b>200-751-6</b>
	water	fresh water	0.082 mg/L
	water	marine water	0.008 mg/L
	water	Aqua intermittent	2.25 mg/L
	water	fresh water sediment	0.324 mg/kg dry weight
	water	marine water sediment	0.032 mg/kg dry weight
	soil	-	0.017 mg/kg dry weight
	sewage treatment plant	-	2476 mg/L
4	<b>zinc oxide</b>		<b>1314-13-2</b> <b>215-222-5</b>
	water	fresh water	20.6 µg/L
	with reference to: Zn		
	water	marine water	6.1 µg/L
	with reference to: Zn		
	water	fresh water sediment	117.8 mg/kg

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	water	marine water sediment	56.5	mg/kg
	with reference to: Zn, dry weight			
	soil	-	35.6	mg/kg
	with reference to: Zn, dry weight			
	sewage treatment plant	-	100	µg/L
5	<b>trizinc bis(orthophosphate)</b>		<b>7779-90-0 231-944-3</b>	
	water	fresh water	20.6	µg/L
	water	marine water	6.1	µg/L
	water	fresh water sediment	117.8	mg/kg dry weight
	water	marine water sediment	56.5	mg/kg dry weight
	water	fresh water	85	µg/L
	water	marine water	42.5	µg/L
	water	fresh water sediment	867.4	mg/kg dry weight
	water	marine water sediment	957.7	mg/kg dry weight
	soil	-	35.6	mg/kg
	sewage treatment plant	-	100	µg/L

**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**

**State of aggregation**



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liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
according to product name	
<b>Odour</b>	
like solvents	
<b>pH value</b>	
No data available	
<b>Boiling point / boiling range</b>	
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	22 - 25 °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	1.42 - 1.44 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>	

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**Region:** GB

No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
log Pow		1.2	
Reference temperature		20	°C
Method		OECD 117	
Source		ECHA	
2	xylene	1330-20-7	215-535-7
log Pow		3.15	
Reference temperature		20	°C
with reference to		CAS 100-41-4	
Source		ECHA	

Kinematic viscosity			
Value	1230	- 1350	Pa*s
Reference temperature		20	°C
Method	DIN 53019		

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 (result of the ATE calculation for the mixture)	
No	Product Name
1	einza mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9

Trade name: einzA mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack

Product no.: 0071318

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Replaced version: 3.2.1, issued: 14.03.2023

Region: GB

LD50		5155	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
<b>2</b>	<b>Hydrocarbons, C9, aromatics</b>	<b>64742-95-6</b>	<b>918-668-5</b>
LD50	>	3492	mg/kg bodyweight
Species	rat		
Source	ECHA		
<b>3</b>	<b>xylene</b>	<b>1330-20-7</b>	<b>215-535-7</b>
LD50		3523 - 4000	mg/kg bodyweight
Species	rat		
Method	EU Method B.1		
Source	ECHA		
<b>4</b>	<b>zinc oxide</b>	<b>1314-13-2</b>	<b>215-222-5</b>
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
<b>5</b>	<b>ethylbenzene</b>	<b>100-41-4</b>	<b>202-849-4</b>
LD50		3500	mg/kg bodyweight
Species	rat		
Source	ECHA		
<b>6</b>	<b>trizinc bis(orthophosphate)</b>	<b>7779-90-0</b>	<b>231-944-3</b>
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

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

No	Product Name
1	einzA mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack
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.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		
<b>2</b>	<b>Hydrocarbons, C9, aromatics</b>	<b>64742-95-6</b>	<b>918-668-5</b>
LD50	>	3160	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
<b>3</b>	<b>xylene</b>	<b>1330-20-7</b>	<b>215-535-7</b>
LD50		12126	mg/kg bodyweight
Species	rabbit		
Source	ECHA		
<b>4</b>	<b>butan-1-ol</b>	<b>71-36-3</b>	<b>200-751-6</b>
LD50	appr.	3430	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
<b>5</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		

Trade name: einza mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack

Product no.: 0071318

Current version : 4.0.0, issued: 04.01.2024

Replaced version: 3.2.1, issued: 14.03.2023

Region: GB

Source	ECHA
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Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	einza mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack
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.
1	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
LC50	>	6.193	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	xylene	1330-20-7	215-535-7
LC50	>	29.1	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Method	EU Method B.2		
Source	ECHA		
3	butan-1-ol	71-36-3	200-751-6
LC50	>	17.76	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		
4	zinc oxide	1314-13-2	215-222-5
LC50	>	5.7	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		
5	trizinc bis(orthophosphate)	7779-90-0	231-944-3
LC50	>	5.41	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.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
Species	rabbit		
Method	OECD 404		
Source	ECHA		

Trade name: einzA mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack

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Region: GB

Evaluation	low-irritant
Evaluation/classification	Based on available data, the classification criteria are not met.
<b>3</b>   <b>xylene</b>	<b>1330-20-7</b> <b>215-535-7</b>
Species	rat
Source	ECHA
Evaluation	irritant
<b>4</b>   <b>butan-1-ol</b>	<b>71-36-3</b> <b>200-751-6</b>
Species	rabbit
Source	ECHA
Evaluation	irritant
<b>5</b>   <b>zinc oxide</b>	<b>1314-13-2</b> <b>215-222-5</b>
Species	rabbit
Method	OECD 404
Source	ECHA
Evaluation	non-irritant
<b>6</b>   <b>trizinc bis(orthophosphate)</b>	<b>7779-90-0</b> <b>231-944-3</b>
Species	rabbit
Method	OECD 404
Source	ECHA / Read across
Evaluation	non-irritant

**Serious eye damage/irritation**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
<b>2</b>	<b>Hydrocarbons, C9, aromatics</b>	<b>64742-95-6</b>	<b>918-668-5</b>
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
<b>3</b>	<b>xylene</b>	<b>1330-20-7</b>	<b>215-535-7</b>
Species	rabbit		
Source	ECHA		
Evaluation	irritant		
<b>4</b>	<b>butan-1-ol</b>	<b>71-36-3</b>	<b>200-751-6</b>
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	strongly irritant		
<b>5</b>	<b>zinc oxide</b>	<b>1314-13-2</b>	<b>215-222-5</b>
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
<b>6</b>	<b>trizinc bis(orthophosphate)</b>	<b>7779-90-0</b>	<b>231-944-3</b>
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		

**Respiratory or skin sensitisation**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
<b>2</b>	<b>Hydrocarbons, C9, aromatics</b>	<b>64742-95-6</b>	<b>918-668-5</b>

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**Current version :** 4.0.0, issued: 04.01.2024

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**Region:** GB

Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
<b>3</b>	<b>xylene</b>	<b>1330-20-7</b>	<b>215-535-7</b>
Route of exposure	Skin		
Species	mouse		
Method	OECD 429		
Source	ECHA		
Evaluation	non-sensitizing		
<b>4</b>	<b>zinc oxide</b>	<b>1314-13-2</b>	<b>215-222-5</b>
Route of exposure	respiratory tract		
Source	ECHA		
Evaluation	non-sensitizing		
Evaluation/classification	Based on available data, the classification criteria are not met.		
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.		
<b>5</b>	<b>trizinc bis(orthophosphate)</b>	<b>7779-90-0</b>	<b>231-944-3</b>
Route of exposure	Skin		
Species	guinea pig		
Source	ECHA / Read across		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
Type of examination	in vitro gene mutation study in bacteria		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>Hydrocarbons, C9, aromatics</b>	<b>64742-95-6</b>	<b>918-668-5</b>
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>3</b>	<b>butan-1-ol</b>	<b>71-36-3</b>	<b>200-751-6</b>
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Hydrocarbons, C9, aromatics</b>	<b>64742-95-6</b>	<b>918-668-5</b>
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>butan-1-ol</b>	<b>71-36-3</b>	<b>200-751-6</b>
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity			
No data available			

STOT - single exposure			
No data available			

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
Route of exposure	oral		
Species	rats (male/female)		
Method	OECD 422		

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Region: GB

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**

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**

<b>Toxicity to fish (acute)</b>			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LC50		100	180
Duration of exposure			96
Species	Oncorhynchus mykiss		mg/l
Method	OECD 203		h
Source	ECHA		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
LL50			9.2
Duration of exposure			96
Species	Oncorhynchus mykiss		mg/l
Method	OECD 203		h
Source	ECHA		
3	xylene	1330-20-7	215-535-7
LC50			2.6
Duration of exposure			96
Species	Oncorhynchus mykiss		mg/l
with reference to	CAS 106-42-3		h
Method	OECD 203		
Source	ECHA		
4	butan-1-ol	71-36-3	200-751-6
LC50			1376
Duration of exposure			96
Species	Pimephales promelas		mg/l
Method	OECD 203		h
Source	ECHA		
5	ethylbenzene	100-41-4	202-849-4
LC50			5.1
Duration of exposure			96
Species	Menidia menidia		mg/l
Source	ECHA		h
<b>Toxicity to fish (chronic)</b>			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7

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NOEC	>	1.3	mg/l
Duration of exposure		56	day(s)
Species	Salmo gairdneri		
Method	OECD 210		
Source	ECHA		

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
EC50	>	500	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	EU Method C.2		
Source	ECHA		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
EL50		3.2	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
3	butan-1-ol	71-36-3	200-751-6
EC50		1328	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
4	ethylbenzene	100-41-4	202-849-4
EC50		2.4	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	EPA		
Source	ECHA		

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
NOEC	>=	100	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
2	butan-1-ol	71-36-3	200-751-6
NOEC		4.1	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
3	ethylbenzene	100-41-4	202-849-4
NOEC		0.96	mg/l
Species	Ceriodaphnia dubia		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
EC50	>	1000	mg/l
Duration of exposure		96	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		
2	Hydrocarbons, C9, aromatics	64742-95-6	918-668-5
EL50		2.9	mg/l
Duration of exposure		72	h



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Region: GB

Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
<b>3</b>	<b>xylene</b>	<b>1330-20-7</b>	<b>215-535-7</b>
EC50		3.2	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
with reference to	CAS 106-42-3		
Method	OECD 201		
Source	ECHA		
<b>4</b>	<b>butan-1-ol</b>	<b>71-36-3</b>	<b>200-751-6</b>
EC50		225	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
<b>5</b>	<b>ethylbenzene</b>	<b>100-41-4</b>	<b>202-849-4</b>
EC50		4.9	mg/l
Duration of exposure		72	h
Species	Skeletonema costatum		
Source	ECHA		

<b>Toxicity to algae (chronic)</b>			
No data available			

<b>Bacteria toxicity</b>			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
EC10		>	1000
Duration of exposure			30
Species	activated sludge		
Method	OECD 209		
Source	ECHA		
<b>2</b>	<b>Hydrocarbons, C9, aromatics</b>	<b>64742-95-6</b>	<b>918-668-5</b>
EC50		>	99
Duration of exposure			10
Species	activated sludge		
Method	OECD 209		
Source	ECHA		
<b>3</b>	<b>butan-1-ol</b>	<b>71-36-3</b>	<b>200-751-6</b>
EC50		4390	mg/l
Duration of exposure		17	h
Species	Pseudomonas putida		
Method	DIN 38412		
Source	ECHA		

**12.2 Persistence and degradability**

<b>Biodegradability</b>			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
Type	aerobic biodegradation		
Value		83	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
<b>2</b>	<b>Hydrocarbons, C9, aromatics</b>	<b>64742-95-6</b>	<b>918-668-5</b>
Type	BSB		
Value		78	%
Duration		28	d
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		

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Region: GB

3	xylene	1330-20-7	215-535-7
Value	>	20	%
Duration		28	day(s)
with reference to	CAS 106-42-3		
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
4	butan-1-ol	71-36-3	200-751-6
Type	DOC decrease		
Value		92	%
Duration		20	day(s)
Method	OECD		
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	xylene	1330-20-7	215-535-7
BCF		25.6	
Species	Oncorhynchus mykiss		
Source	ECHA		

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
log Pow		1.2	
Reference temperature		20	°C
Method	OECD 117		
Source	ECHA		
2	xylene	1330-20-7	215-535-7
log Pow		3.15	
Reference temperature		20	°C
with reference to	CAS 100-41-4		
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	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

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.

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**Product no.:** 0071318

**Current version :** 4.0.0, issued: 04.01.2024

**Replaced version:** 3.2.1, issued: 14.03.2023

**Region:** GB

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**

Class	3
Classification code	F1
Packing group	III
Hazard identification no.	30
UN number	UN1263
Proper shipping name	PAINT
Tunnel restriction code	D/E
Label	3
Environmentally hazardous substance mark	Symbol "fish and tree"

**14.2 Transport IMDG**

Class	3
Packing group	III
UN number	UN1263
Proper shipping name	PAINT
Technical name	Hydrocarbons, C9, aromatics
EmS	F-E+S-E
Label	3
Marine pollutant mark	Symbol "fish and tree"

**14.3 Transport ICAO-TI / IATA**

Class	3
Packing group	III
UN number	UN1263
Proper shipping name	Paint
Label	3

**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**

Trade name: einza mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack

Product no.: 0071318

Current version : 4.0.0, issued: 04.01.2024

Replaced version: 3.2.1, issued: 14.03.2023

Region: GB

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	butan-1-ol	71-36-3	200-751-6	75
2	Limestone	1317-65-3	215-279-6	75
3	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight > 700 - < 1100)	25068-38-6	500-033-5	75
4	toluene	108-88-3	203-625-9	75
5	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 30.15 %

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

EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause 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.

**Trade name:** einza mix Lawirostal 2-K-Epoxi-Primer, Basis 4 Stammlack

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**Region:** GB

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

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The harmonised classification as a carcinogen applies unless the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen, in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

**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.

Alterations/supplements:

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

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