

**Trade name:** einzA Lawidur Spezialverdünnung**Product no.:** 0068467**Current version :** 4.0.1, issued: 03.01.2024**Replaced version:** 4.0.0, 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 Lawidur Spezialverdünnung****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 HannoverTelephone 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)**Asp. Tox. 1; H304  
Eye Irrit. 2; H319  
Flam. Liq. 3; H226  
Skin Irrit. 2; H315  
STOT RE 2; H373  
STOT SE 3; H335  
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



GHS07



GHS08

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

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n-butyl acetate  
Reaction mass of xylene and ethylbenzene

**Hazard statement(s)**

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure

**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.
- P271 Use only outdoors or in a well-ventilated area.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P331 Do NOT induce vomiting.
- P370+P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.
- 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	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	<b>n-butyl acetate</b>		
	123-86-4 204-658-1 607-025-00-1 01-2119485493-29	EUH066 Flam. Liq. 3; H226 STOT SE 3; H336	>= 25.00 - < 50.00 wt%
2	<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 RE 2; H373 STOT SE 3; H335	>= 25.00 - < 50.00 wt%
3	<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	>= 5.00 - < 10.00 wt%

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

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

## 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, 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

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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]/[flating] 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.

**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	n-butyl acetate	123-86-4	204-658-1
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
	Butyl acetate		
	WEL short-term (15 min reference period)	966	mg/m <sup>3</sup> 200 ppm
	WEL long-term (8-hr TWA reference period)	724	mg/m <sup>3</sup> 150 ppm
<b>EU 2019/1831</b>			
	n-Butyl acetate		
	WEL short-term (15 min reference period)	723	mg/m <sup>3</sup> 150 ppm
	WEL long-term (8-hr TWA reference period)	241	mg/m <sup>3</sup> 50 ppm
2	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

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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			

## DNEL, DMEL and PNEC values

### DNEL values (worker)

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	<b>n-butyl acetate</b>			<b>123-86-4</b> <b>204-658-1</b>
	dermal	Long term (chronic)	systemic	11 mg/kg/day
	dermal	Short term (acut)	systemic	11 mg/kg/day
	inhalative	Long term (chronic)	systemic	300 mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	600 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	300 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	600 mg/m <sup>3</sup>
2	<b>Reaction mass of xylene and ethylbenzene</b>			- <b>905-588-0</b>
	dermal	Long term (chronic)	systemic	212.00 mg/kg/day
	inhalative	Short term (acut)	systemic	442.00 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	442.00 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	221.00 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	221.00 mg/m <sup>3</sup>
3	<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>

### DNEL value (consumer)

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	<b>n-butyl acetate</b>			<b>123-86-4</b> <b>204-658-1</b>
	oral	Long term (chronic)	systemic	2 mg/kg/day
	oral	Short term (acut)	systemic	2 mg/kg/day
	dermal	Long term (chronic)	systemic	6 mg/kg/day
	dermal	Short term (acut)	systemic	6 mg/kg/day
	inhalative	Long term (chronic)	systemic	35.7 mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	300 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	35.7 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	300 mg/m <sup>3</sup>
2	<b>Reaction mass of xylene and ethylbenzene</b>			- <b>905-588-0</b>
	oral	Long term (chronic)	systemic	12.50 mg/kg/day
	dermal	Long term (chronic)	systemic	125.00 mg/kg/day
	inhalative	Short term (acut)	systemic	260.00 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	65.30 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	260.00 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	65.30 mg/m <sup>3</sup>
3	<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>

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inhalative	Long term (chronic)	local	33	mg/m <sup>3</sup>
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**PNEC values**

No	Substance name	CAS / EC no
ecological compartment		Type
		Value
1	<b>n-butyl acetate</b>	<b>123-86-4</b> <b>204-658-1</b>
	water	fresh water
	water	marine water
	water	Aqua intermittent
	water	fresh water sediment
	water	marine water sediment
	soil	-
	sewage treatment plant	-
2	<b>Reaction mass of xylene and ethylbenzene</b>	- <b>905-588-0</b>
	water	fresh water
	water	marine water
	water	fresh water sediment
	water	marine water sediment
	soil	-
	sewage treatment plant	-
3	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b> <b>203-603-9</b>
	water	fresh water
	water	marine water
	water	fresh water sediment
	with reference to: dry weight	
	water	marine water sediment
	with reference to: dry weight	
	soil	-
	with reference to: dry weight	
	sewage treatment plant	-

**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

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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>	
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	28 - 30 °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	

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<b>Relative density</b>	
No data available	

<b>Density</b>	
Value	0.88 - 0.88 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	n-butyl acetate	123-86-4	204-658-1
log Pow		2.3	
Reference temperature		25	°C
Method	OECD 117		
Source	ECHA		
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
log Pow		1.2	
Reference temperature		20	°C
Method	OECD 117		
Source	ECHA		

<b>Kinematic viscosity</b>	
Value	11 - 12 sec
Reference temperature	20 °C
Method	DIN EN 2431 (4 mm)

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

<b>Particle characteristics</b>	
No data available	

## 9.2 Other information

<b>Other information</b>	
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



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## 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	n-butyl acetate	123-86-4	204-658-1
LD50		10760	mg/kg bodyweight
Species		rat	
Method		OECD 423	
Source		ECHA	
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LD50		5155	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 Lawidur Spezialverdünnung
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	n-butyl acetate	123-86-4	204-658-1
LD50		> 14112	mg/kg bodyweight
Species		rabbit	
Method		OECD 402	
Source		ECHA	
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LD50		> 5000	mg/kg bodyweight
Species		rat	
Method		OECD 402	
Source		ECHA	

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	einzA Lawidur Spezialverdünnung
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 data available	

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Species		rabbit	
Method		OECD 404	
Source		ECHA	
Evaluation		non-irritant	
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Species		rabbit	
Method		OECD 404	
Source		ECHA	
Evaluation		non-irritant	

Serious eye damage/irritation	

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No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		non-irritant	
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		non-irritant	

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
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.	

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
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.
1	n-butyl acetate	123-86-4	204-658-1
Route of exposure		inhalational	
NOAEC		500	ppm
Duration of exposure		90	day(s)
Species		rat	
Method		EPA OTS 798.2450	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Route of exposure		oral	
Species		rats (male/female)	
Method		OECD 422	
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	n-butyl acetate	123-86-4	204-658-1
LC50		18	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	OECD 203		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LC50	100	- 180	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		

### Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
EC50		44	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	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		

### Toxicity to Daphnia (chronic)

No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
NOEC		23	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
with reference to	CAS 110-19-0		
Method	OECD 211		
Source	ECHA		

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Evaluation/classification		Based on available data, the classification criteria are not met.	
<b>2</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
NOEC	>=	100	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxicity to algae (acute)			
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>
EC50	>	1000	mg/l
Duration of exposure		96	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)			
No data available			

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>n-butyl acetate</b>	<b>123-86-4</b>	<b>204-658-1</b>
IC50		356	mg/l
Duration of exposure		40	h
Species	Tetrahymena pyriformis (Protozoa)		
Source	ECHA		
<b>2</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
EC10	>	1000	mg/l
Duration of exposure		30	min
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

## 12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>n-butyl acetate</b>	<b>123-86-4</b>	<b>204-658-1</b>
Type	aerobic biodegradation		
Value		83	%
Duration		28	day(s)
Method	OECD 301 D		
Source	ECHA		
Evaluation	readily biodegradable		
<b>2</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		

Abiotic Degradation			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>n-butyl acetate</b>	<b>123-86-4</b>	<b>204-658-1</b>
Type	Photolysis		
Half-life		3.3	day(s)
Reference temperature		25	°C
Source	ECHA		

## 12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.

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<b>1</b>	<b>n-butyl acetate</b>	<b>123-86-4</b>	<b>204-658-1</b>
BCF			15.3
Method	Calculation model used (Q)SAR		
Source	ECHA		

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>n-butyl acetate</b>	<b>123-86-4</b>	<b>204-658-1</b>
log Pow		2.3	
Reference temperature		25	°C
Method	OECD 117		
Source	ECHA		
<b>2</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
log Pow		1.2	
Reference temperature		20	°C
Method	OECD 117		
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. 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 RELATED MATERIAL  
 Tunnel restriction code D/E  
 Label 3

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**14.2 Transport IMDG**

Class	3
Packing group	III
UN number	UN1263
Proper shipping name	PAINT RELATED MATERIAL
EmS	F-E+S-E
Label	3

**14.3 Transport ICAO-TI / IATA**

Class	3
Packing group	III
UN number	UN1263
Proper shipping name	Paint related material
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**

<b>Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)</b>	
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.	
<b>REACH candidate list of substances of very high concern (SVHC) for authorisation</b>	
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.	
<b>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</b>	
The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3, 40
<b>Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances</b>	
This product is subject to Part I of Annex I, risk category:	P5c
<b>Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)</b>	
VOC content	100.00 %

**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**

**Trade name:** einZA Lawidur Spezialverdünnung

**Product no.:** 0068467

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**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.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.

**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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