

Trade name: einzA Grundweiß LH, weiß

Product no.: 7001580

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 Grundweiß LH, weiß

UFI:

SQRG-X1TU-U00T-XWUM

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)

Eye Dam. 1; H318

Flam. Liq. 2; H225

Skin Irrit. 2; H315

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

Signal word

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Danger

Hazardous component(s) to be indicated on label:

propan-2-ol

2-methylpropan-1-ol

Hazard statement(s)

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

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.

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.

P405 Store locked up.

P501 Dispose of contents/container to a facility in accordance with local and national regulations.

UFI:

SQRG-X1TU-U00T-XWUM

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	propan-2-ol		
	67-63-0 200-661-7 603-117-00-0 01-2119457558-25	Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336	>= 10,00 - < 25,00 wt%
2	2-methylpropan-1-ol		
	78-83-1 201-148-0 603-108-00-1 01-2119484609-23	Eye Dam. 1; H318 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H335 STOT SE 3; H336	>= 10,00 - < 25,00 wt%
3	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics		

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- 918-481-9 - 01-2119457273-39	Asp. Tox. 1; H304 EUH066	< 5,00	wt%
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Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

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

After inhalation

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

After skin contact

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

After eye contact

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

After ingestion

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

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Alcohol resistant foam, CO₂, powders, water spray

Unsuitable extinguishing media

water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); Toxic pyrolysis products; Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

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

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

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

For emergency responders

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

6.2 Environmental precautions

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

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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]/[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.

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	propan-2-ol	67-63-0	200-661-7
	TRGS 900		
	Propan-2-ol		
	WEL long-term (8-hr TWA reference period)	500	mg/m ³ 200 ml/m ³
	Ceiling Limit	2(II)	
	Notes	Y	
2	2-methylpropan-1-ol	78-83-1	201-148-0
	TRGS 900		
	2-Methylpropan-1-ol		

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	WEL long-term (8-hr TWA reference period)	310	mg/m ³	100	ml/m ³
	Ceiling Limit	1(I)			
	Notes	Y			
3	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics				918-481-9
	TRGS 900				
	Kohlenwasserstoffgemische, Verwendung als Lösemittel (Lösemittelkohlenwasserstoffe), additiv-frei: C9-C15 Aliphaten				
	WEL long-term (8-hr TWA reference period)	600	mg/m ³		
	Ceiling Limit	2 (II)			

Biological limit values

No	Substance name	
1	propan-2-ol	
	TRGS 903	
	Propan-2-ol	
	parameter	Aceton
	Value	25 mg/l
	Comments	DFG
	sample material	B
	Sampling moment	b
	TRGS 903	
	Propan-2-ol	
	parameter	Aceton
	Value	25 mg/l
	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	propan-2-ol			67-63-0 200-661-7	
	dermal	Long term (chronic)	systemic	888	mg/kg/day
	inhalative	Long term (chronic)	systemic	500	mg/m ³
2	2-methylpropan-1-ol			78-83-1 201-148-0	
	inhalative	Long term (chronic)	local	310	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	propan-2-ol			67-63-0 200-661-7	
	oral	Long term (chronic)	systemic	26	mg/kg/day
	dermal	Long term (chronic)	systemic	319	mg/kg/day
	inhalative	Long term (chronic)	systemic	89	mg/m ³
2	2-methylpropan-1-ol			78-83-1 201-148-0	
	inhalative	Long term (chronic)	local	55	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	propan-2-ol		67-63-0 200-661-7	
	soil	-	28	mg/kg
	sewage treatment plant	-	2251	mg/L

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secondary poisoning	-	160	mg/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

State of aggregation	
liquid	
Form	
liquid	
Colour	
according to product name	
Odour	
like solvents	
pH value	
reason for missing pH	substance/mixture is non-soluble (in water)
Boiling point / boiling range	
Value	> 120 °C
Reference substance	solvent mixture
Melting point/freezing point	
No data available	

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Decomposition temperature			
No data available			
Flash point			
Value	17	- 18	°C
Method	closed cup		
Ignition temperature			
Value	>	200	°C
Reference substance	solvent mixture		
Oxidising properties			
Not applicable			
Flammability			
Not applicable			
Lower explosion limit			
Value	>	0,6	% vol
Reference substance	solvent mixture		
Upper explosion limit			
Value	<	7,5	% vol
Reference substance	solvent mixture		
Vapour pressure			
Value	<	100	hPa
Reference temperature		50	°C
Reference substance	solvent mixture		
Relative vapour density			
No data available			
Relative density			
No data available			
Density			
Value	1,13	- 1,15	g/cm³
Reference temperature		20	°C
Method	DIN 51757		
Solubility in water			
Comments	immiscible		
Solubility			
No data available			
Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
log Pow		0,05	
Reference temperature		25	°C
Source		ECHA	
2	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
log Pow		3,17	- 7,22
Method		QSAR	
Source		ECHA	
Kinematic viscosity			
Value	29	- 31	sec
Reference temperature		20	°C
Method	DIN EN 2431 (6 mm)		
Solvent separation test			
Value	<	3	%

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Reference temperature	20 °C
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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	propan-2-ol	67-63-0	200-661-7
LD50		5840	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	2-methylpropan-1-ol	78-83-1	201-148-0
LD50	>	2830	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
3	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
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			
No	Substance name	CAS no.	EC no.
1	2-methylpropan-1-ol	78-83-1	201-148-0
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.

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1	propan-2-ol	67-63-0	200-661-7
LC50	>	10000	ppmV
Duration of exposure		6	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	2-methylpropan-1-ol	78-83-1	201-148-0
LC50	>	18,8	mg/l
Duration of exposure		6	h
State of aggregation	Vapour		
Species	rat		
Method	40 CFR 799; 40 CFR Part 798.1150, 798.6050 & 798.6200		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	2-methylpropan-1-ol	78-83-1	201-148-0
Evaluation/classification	The classification is according to the current version of the harmonized classification found in Annex VI of Regulation EC 1272/2008.		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
2	2-methylpropan-1-ol	78-83-1	201-148-0
Duration of exposure		24	h
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	Irreversible effects on the eye		
Evaluation/classification	Based on available data, the classification criteria are met.		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
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	propan-2-ol	67-63-0	200-661-7
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	2-methylpropan-1-ol	78-83-1	201-148-0
Type of examination	in vitro gene mutation study in bacteria		

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Species	S. typhimurium, other: TA 1535, TA 1537, TA 97, TA98 and TA 100
Method	OECD 471
Source	ECHA
Evaluation/classification	On the basis of the available information, the classification criteria are not met.

3	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
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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.
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	propan-2-ol	67-63-0	200-661-7
Route of exposure	oral		
NOAEL	1000 mg/kg bw/d		
Type of examination	Two-Generation Reproduction Toxicity Study		
Species	rats (male/female)		
Method	OECD 416		
Source	ECHA		
Evaluation/classification	Based on the available data, the classification criteria are not met.		
2	2-methylpropan-1-ol	78-83-1	201-148-0
Route of exposure	inhalational		
Type of examination	Two-Generation Reproduction Toxicity Study		
Species	rat		
Method	EPA OPPTS 870.3800		
Source	ECHA		
Evaluation/classification	On the basis of the available information, the classification criteria are not met.		

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
Route of exposure	inhalational		
NOEL	5000 ppm		
Species	rats (male/female)		
Method	OECD 451		
Source	ECHA		
2	2-methylpropan-1-ol	78-83-1	201-148-0
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	On the basis of the available information, the classification criteria are not met.		

STOT - single exposure	
No data available	

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.

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1	propan-2-ol	67-63-0	200-661-7
Route of exposure	inhalational		
NOAEC		12500	mg/m ³
Species	rat		
Method	OECD 451		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	2-methylpropan-1-ol	78-83-1	201-148-0
Route of exposure	oral		
NOAEL		1450	mg/kg bw/d
Species	rat		
Method	OECD 408		
Source	ECHA		
Evaluation/classification	On the basis of the available information, the classification criteria are not met.		
3	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

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	propan-2-ol	67-63-0	200-661-7
LC50		9640	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	OECD 203		
Source	ECHA		
2	2-methylpropan-1-ol	78-83-1	201-148-0
LC50		1430	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Source	ECHA		

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Toxicity to fish (chronic)		
No data available		

Toxicity to Daphnia (acute)		
No	Substance name	CAS no.
1	2-methylpropan-1-ol	78-83-1
EC50		1100
Duration of exposure		48
Species	Daphnia pulex	
Method	ASTM Standard E 729-80	
Source	ECHA	

Toxicity to Daphnia (chronic)		
No	Substance name	CAS no.
1	2-methylpropan-1-ol	78-83-1
NOEC		20
Duration of exposure		21
Species	Daphnia magna	
Source	ECHA	

Toxicity to algae (acute)		
No	Substance name	CAS no.
1	2-methylpropan-1-ol	78-83-1
EC50		593
Duration of exposure		72
Species	Pseudokirchneriella subcapitata	
Method	OECD 201	
Source	ECHA	

Toxicity to algae (chronic)		
No data available		

Bacteria toxicity		
No data available		

12.2 Persistence and degradability

Biodegradability		
No	Substance name	CAS no.
1	propan-2-ol	67-63-0
Type	BOD/COD	
Value	53	%
Duration	5	day(s)
Source	ECHA	
Evaluation	readily biodegradable	
2	2-methylpropan-1-ol	78-83-1
Type	BOD/COD	
Value	70 - 80	%
Duration	28	day(s)
Method	OECD 301 D	
Source	ECHA	
Evaluation	readily biodegradable	

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)		
No	Substance name	CAS no.
1	propan-2-ol	67-63-0
log Pow	0,05	
Reference temperature	25	°C
Source	ECHA	
2	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-
log Pow	3,17 - 7,22	
Method	QSAR	

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Source | ECHA

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment			
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. 33
Special Provision 640 640D
IMDG - Class 3

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Label 3
 ICAO-TI / IATA - Class 3
 Label 3

14.4 Packing group

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

14.5 Environmental hazards

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-methylpropan-1-ol	78-83-1	201-148-0	75
2	propan-2-ol	67-63-0	200-661-7	75
3	propylene carbonate	108-32-7	203-572-1	75
4	titanium dioxide	13463-67-7	236-675-5	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: P5b

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

VOC content 51,95 %

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. : h, type: lb = 750 g/l
 Max. VOC content (limit value) of the product in its ready for use condition = < 750 g/l

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

Class 1
 Source Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

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Other regulations

GISCODE BSL20 Covering agents, solvent based, free of aromatic substances, labeled

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.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

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.

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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