

**Trade name:** SI-Imprägnier-Spray 500 ml

**Product no.:** 0301400

**Current version :** 3.0.0, issued: 15.07.2024

**Replaced version:** 2.0.0, issued: 07.06.2024

**Region:** GER

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

### 1.1 Product identifier

Trade name

**SI-Imprägnier-Spray 500 ml**

**SILIKON IMPRÄGNIER SPRAY**

UFI:

80N7-Y12W-T008-F7F2

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

**Relevant identified uses of the substance or mixture**

impregnating agent

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Hans-Joachim Schneider GmbH

Ludwig-Erhard-Ring 23

15827 Blankenfelde-Mahlow

Telephone no. +49 33708 369-0

e-mail Info@Schneider-Berlin.com

**Advice on Safety Data Sheet**

sdb\_info@umco.de

**Information about the distributor**

**Address**

Fritz Rode GmbH

Hettlicher Masch 22

DE-49084 Osnabrück

Germany

### 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)**

Aerosol 1; H222

Aquatic Chronic 3; H412

Eye Irrit. 2; H319

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**

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GHS02



GHS07

**Signal word**

Danger

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

propan-2-ol

**Hazard statement(s)**

H222 Extremely flammable aerosol.  
 H229 Pressurised container: May burst if heated.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statement(s)**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P273 Avoid release to the environment.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

**UFI:**

80N7-Y12W-T008-F7F2

**Supplemental label elements**

“Caution! Be sure to observe! Only use outdoors or with good ventilation!  
 Only spray for a few seconds! Only spray large areas of leather and textile products outdoors and allow to evaporate well! Keep away from children!”

**2.3 Other hazards**

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.

**PBT assessment**

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

**vPvB assessment**

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be 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	propan-2-ol		

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	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	>= 25,00 - < 50,00	wt%
2	<b>butane</b>			
	106-97-8 203-448-7 601-004-00-0 01-2119474691-32	Flam. Gas 1A; H220 Press. Gas liq.; H280	>= 25,00 - < 50,00	wt%
3	<b>propane</b>			
	74-98-6 200-827-9 601-003-00-5 01-2119486944-21	Flam. Gas 1A; H220 Press. Gas liq.; H280	>= 5,00 - < 10,00	wt%
4	<b>Naphtha (petroleum), hydrotreated light</b>			
	64742-49-0 920-750-0 649-328-00-1 01-2119473851-33	Flam. Liq. 2; H225 Asp. Tox. 1; H304 STOT SE 3; H336 Aquatic Chronic 2; H411 EUH066	>= 5,00 - < 10,00	wt%
5	<b>isobutane</b>			
	75-28-5 200-857-2 601-004-00-0 01-2119485395-27	Flam. Gas 1A; H220 Press. Gas liq.; H280	< 2,50	wt%

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	C,U	-	-	-
3	U	-	-	-
5	C, U	-	-	-

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)".

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

#### After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

#### After skin contact

In case of contact with skin wash off with water.

#### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

#### After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

### 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.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media**

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray

**Unsuitable extinguishing media**

High power 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>); Exposure to heat may cause bursting of the aerosol packagings.

### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Containers close to fire should be transferred to a safe place. Cool closed containers exposed to fire with water. Run-off water from fire fighting must not be discharged into drains or enter surface water.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Keep away from ignition sources.

**For emergency responders**

Personal protective equipment (PPE) - see section 8.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

### 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).

### 6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling**

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

**Advice on protection against fire and explosion**

Keep away from ignition sources and provide for good ventilation. Vapours can form an explosive mixture with air. Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations). Use explosion-proof equipment/fittings and non-sparking tools.

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

**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place.

**Requirements for storage rooms and vessels**

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Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

**Incompatible products**

Substances to be avoided, see section 10.

**Stoarge Class according TRGS 510**

2B Aerosol dispensers and lighters

**7.3 Specific end use(s)**

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	<b>propan-2-ol</b>	<b>67-63-0</b>	<b>200-661-7</b>
	<b>TRGS 900</b>		
	Propan-2-ol		
	WEL long-term (8-hr TWA reference period)	500	mg/m <sup>3</sup> 200 ml/m <sup>3</sup>
	Ceiling Limit	2(II)	
	Notes	Y	
2	<b>butane</b>	<b>106-97-8</b>	<b>203-448-7</b>
	<b>TRGS 900</b>		
	Butan		
	WEL long-term (8-hr TWA reference period)	2400	mg/m <sup>3</sup> 1000 ml/m <sup>3</sup>
	Ceiling Limit	4(II)	
3	<b>propane</b>	<b>74-98-6</b>	<b>200-827-9</b>
	<b>TRGS 900</b>		
	Propan		
	WEL long-term (8-hr TWA reference period)	1800	mg/m <sup>3</sup> 1000 ml/m <sup>3</sup>
	Ceiling Limit	4(II)	
4	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
	<b>MAK (TRGS 900)</b>		
	WEL long-term (8-hr TWA reference period)		350 ml/m <sup>3</sup>
5	<b>isobutane</b>	<b>75-28-5</b>	<b>200-857-2</b>
	<b>TRGS 900</b>		
	Isobutan		
	WEL long-term (8-hr TWA reference period)	2400	mg/m <sup>3</sup> 1000 ml/m <sup>3</sup>
	Ceiling Limit	4(II)	

Biological limit values

No	Substance name
1	<b>propan-2-ol</b>
	<b>TRGS 903</b>
	Propan-2-ol
	parameter
	Value
	Aceton
	25 mg/l
	Comments
	sample material
	Sampling moment
	DFG
	B
	b
	<b>TRGS 903</b>
	Propan-2-ol
	parameter
	Value
	Aceton
	25 mg/l
	Comments
	sample material
	U

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Sampling moment	b
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## DNEL, DMEL and PNEC values

### DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>propan-2-ol</b>			<b>67-63-0</b> <b>200-661-7</b>	
	dermal	Long term (chronic)	systemic	888	mg/kg/day
	inhalative	Long term (chronic)	systemic	500	mg/m <sup>3</sup>
2	<b>Naphtha (petroleum), hydrotreated light</b>			<b>64742-49-0</b> <b>920-750-0</b>	
	dermal	Long term (chronic)	systemic	773	mg/kg/day
	inhalative	Long term (chronic)	systemic	2035	mg/m <sup>3</sup>

### DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>propan-2-ol</b>			<b>67-63-0</b> <b>200-661-7</b>	
	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 <sup>3</sup>
2	<b>Naphtha (petroleum), hydrotreated light</b>			<b>64742-49-0</b> <b>920-750-0</b>	
	oral	Long term (chronic)	systemic	699	mg/kg
	dermal	Long term (chronic)	systemic	699	mg/kg/day
	inhalative	Long term (chronic)	systemic	608	mg/m <sup>3</sup>

### PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	<b>propan-2-ol</b>		<b>67-63-0</b> <b>200-661-7</b>	
	soil	-	28	mg/kg
	sewage treatment plant	-	2251	mg/L
	secondary poisoning	-	160	mg/kg
	with reference to: food			

## 8.2 Exposure controls

### Appropriate engineering controls

Provide adequate 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 (=Occupational Exposure Limit), suitable respiratory protection must be worn.

### Personal protective equipment

#### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

#### Eye / face protection

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.

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**Other**

Chemical-resistant work clothes.

**Environmental exposure controls**

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
Aerosol	
<b>Colour</b>	
colourless	
<b>Odour</b>	
Product specific	
<b>pH value</b>	
reason for missing pH	substance/mixture is non-soluble (in water)
<b>Boiling point / boiling range</b>	
No data available	
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
No data available	
<b>Ignition temperature</b>	
No data available	
<b>Explosive properties</b>	
Container is under pressure: May burst upon heating.	
Source	manufacturer
Forms explosive mixtures with air.	
Source	manufacturer
<b>Flammability</b>	
Liquid and vapour are highly flammable.	
Source	manufacturer
<b>Lower explosion limit</b>	
No data available	
<b>Upper explosion limit</b>	
No data available	
<b>Vapour pressure</b>	
No data available	
<b>Relative vapour density</b>	
No data available	
<b>Relative density</b>	
No data available	
<b>Density</b>	
No data available	

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<b>Solubility</b>			
No data available			
<b>Partition coefficient n-octanol/water (log value)</b>			
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	propane	74-98-6	200-827-9
log Pow		appr.	1,8
Method		QSAR	
Source		ECHA	
3	isobutane	75-28-5	200-857-2
log Pow		2,80	
Reference temperature		20	°C
with reference to		pH 7	
Source		ECHA	
<b>Kinematic viscosity</b>			
No data available			
<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**

No data available.

**10.2 Chemical stability**

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

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use.

**10.4 Conditions to avoid**

Heat, naked flames and other ignition sources.

**10.5 Incompatible materials**

strong oxidizing agents

**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**

<b>Acute oral toxicity</b>			
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	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0

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LD50	>	5840	mg/kg bodyweight
Species	rat		
Source	ECHA		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
LD50	>	2800 - 3100	mg/kg bodyweight
Species	rabbit		
Source	ECHA		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	<b>propan-2-ol</b>	<b>67-63-0</b>	<b>200-661-7</b>
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	<b>propane</b>	<b>74-98-6</b>	<b>200-827-9</b>
LC50	>	800000	ppmV
Duration of exposure	0,25 h		
State of aggregation	Gas		
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
LC50	>	23,3	mg/l
Duration of exposure	4 h		
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
4	<b>isobutane</b>	<b>75-28-5</b>	<b>200-857-2</b>
LC50		520400	ppmV
Duration of exposure	2 h		
State of aggregation	Gas		
Species	mouse		
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	<b>propan-2-ol</b>	<b>67-63-0</b>	<b>200-661-7</b>
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	<b>propan-2-ol</b>	<b>67-63-0</b>	<b>200-661-7</b>
Species	rabbit		
Method	OECD 405		

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Source	ECHA
Evaluation	irritant
Evaluation/classification	Based on available data, the classification criteria are met.
<b>2</b>	<b>Naphtha (petroleum), hydrotreated light</b> <b>64742-49-0</b> <b>920-750-0</b>
Species	rabbit
Source	ECHA
Evaluation	non-irritant

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.		
<b>2</b>	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
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	propan-2-ol	67-63-0	200-661-7
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
<b>2</b>	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
<b>3</b>	<b>isobutane</b>	<b>75-28-5</b>	<b>200-857-2</b>
Type of examination		in vitro gene mutation study in bacteria	
Species	Salmonella typh. TA98, TA100, TA1535, TA1537, TA1538		
Method	Value taken from the literature		
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.		
<b>2</b>	<b>propane</b>	<b>74-98-6</b>	<b>200-827-9</b>
Route of exposure		inhalational	
NOAEC	12000	ppm	
Type of examination		Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test	
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>3</b>	<b>Naphtha (petroleum), hydrotreated light</b>	<b>64742-49-0</b>	<b>920-750-0</b>
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

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4	isobutane	75-28-5	200-857-2
Route of exposure	inhalational		
NOAEC	9000		ppm
Type of examination	Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test		
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, 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		

STOT - single exposure			
No data available			

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
Route of exposure	inhalational		
NOAEC	12500		mg/m <sup>3</sup>
Species	rat		
Method	OECD 451		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

2	propane	74-98-6	200-827-9
Route of exposure	inhalational		
LOAEC	12000		ppm
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

3	isobutane	75-28-5	200-857-2
Route of exposure	inhalational		
	9000		ppm
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Aspiration hazard			
No data available			

## 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.

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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	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
LL50		<= 10	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		

Toxicity to fish (chronic)			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
NOELR		0,57	mg/l
Duration of exposure		28	day(s)
Species	Oncorhynchus mykiss		
Source	ECHA		

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
EL50		<= 10	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
NOELR		1	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.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
EL50		<= 30	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
NOELR		6,3	mg/l
Duration of exposure		3	day(s)
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

Bacteria toxicity			
No data available			

## 12.2 Persistence and degradability

Biodegradability			

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No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
Type		BOD/COD	
Value		53	%
Duration		5	day(s)
Source	ECHA		
Evaluation	readily biodegradable		
2	propane	74-98-6	200-827-9
Type		aerobic biodegradation	
Value		50	%
Duration		3	d
Method	QSAR		
Source	ECHA		
Evaluation	readily biodegradable		
3	Naphtha (petroleum), hydrotreated light	64742-49-0	920-750-0
Value		98	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
4	isobutane	75-28-5	200-857-2
Type		aerobic biodegradation	
Value		50	%
Duration		3,1	d
Method	QSAR		
Source	ECHA		
Evaluation	readily biodegradable		

## 12.3 Bioaccumulative potential

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	propane	74-98-6	200-827-9
log Pow		appr. 1,8	
Method		QSAR	
Source		ECHA	
3	isobutane	75-28-5	200-857-2
log Pow		2,80	
Reference temperature		20 °C	
with reference to		pH 7	
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	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT. According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.
vPvB assessment	

## 12.6 Endocrine disrupting properties

No data available.

## 12.7 Other adverse effects

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No data available.

## 12.8 Other information

### Other information

Do not discharge product unmonitored into the environment.

Do not discharge into drains or waters and do not dispose of in public landfills.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

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.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### 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.

## SECTION 14: Transport information

### 14.1 UN number or ID number

**ADR/RID/ADN** UN1950

**IMDG** UN1950

**ICAO-TI / IATA** UN1950

### 14.2 UN proper shipping name

**ADR/RID/ADN** AEROSOLS

**IMDG** AEROSOLS

**ICAO-TI / IATA** Aerosols, flammable

### 14.3 Transport hazard class(es)

**ADR/RID/ADN - Class** 2

**Label** 2.1

**Classification code** 5F

**Tunnel restriction code** D

**IMDG - Class** 2

**Label** 2.1

**ICAO-TI / IATA - Class** 2.1

**Label** 2.1

### 14.4 Packing group

**ADR/RID/ADN** -

**IMDG** -

**ICAO-TI / IATA** -

### 14.5 Environmental hazards

**EmS** F-D, S-U

### 14.6 Special precautions for user

No data available.

### 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

**Trade name:** SI-Imprägnier-Spray 500 ml**Product no.:** 0301400**Current version :** 3.0.0, issued: 15.07.2024**Replaced version:** 2.0.0, issued: 07.06.2024**Region:** GER**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

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	propan-2-ol	67-63-0	200-661-7	75
3	zirconium-tetrabutanolate	1071-76-7	213-995-3	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: P3a

**Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.  
Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

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

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

**Other national regulations**

Information on the VOC Directive: 97.94 % by weight

664 g/L

**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.

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.

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

**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.
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

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

- C Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
- U When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

**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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