

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name : PROBAU Silikonentferner

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Intended for general public

Use of the substance/mixture : Building and construction work

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet****Supplier**Sievert Baustoffe GmbH & Co. KG  
Mühlenschweg 6  
D-49090 Osnabrück  
T +49 541 601-01 - F +49 541 601-853**Email competent person**

info@sievert.de

**Informing department**Abteilung: Technische Beratung  
T +49 541 601-01  
[info@sievert.de](mailto:info@sievert.de)**1.4. Emergency telephone number**Emergency number : National Health Service (NHS)  
24 hour national number consumer  
England and Scotland: 111  
Wales: 0845 46 47  
Northern Ireland: call your local General Practitioner

Call 999 if there is a life-threatening incident.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Flammable liquids, Category 3 H226

Specific target organ toxicity — Single exposure, Category 3, Narcosis H336

Aspiration hazard, Category 1 H304

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS02

GHS07

GHS08

Signal word (CLP) :

: Danger

Contains :

: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics; 2-methoxy-1-methylethyl acetate

# PROBAU Silikonentferner

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Hazard statements (CLP)	: H226 - Flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H336 - May cause drowsiness or dizziness. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: 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. P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Child-resistant fastening	: Applicable
Tactile warning	: Applicable

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(CAS-No.) 1174921-73-3 (EC-No.) 927-241-2	80 - < 85	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
2-methoxy-1-methylethyl acetate	(CAS-No.) 108-65-6 (EC-No.) 203-603-9 (EC Index-No.) 607-195-00-7	20 - < 25	Flam. Liq. 3, H226 STOT SE 3, H336

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Seek medical attention if irritation develops.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell. Induce vomiting if person is conscious. Vomiting: prevent asphyxia/aspiration pneumonia. Do not give an unconscious person anything to drink.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact	: Repeated dermal contact with material can lead to defatting of the skin.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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according to Regulation (EC) No. 1907/2006 (REACH)

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Water haze. Alcohol-resistant foam. Dry powder.
- Unsuitable extinguishing media : Strong water jet.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : May form flammable/explosive vapour-air mixtures. Flammable liquid and vapour.
- Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Nitrogen oxides.

#### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. No flames, no sparks. Eliminate all sources of ignition. Do not breathe gas, fume, vapours, spray.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Other information : Disposal must be done according to official regulations.

#### 6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Handle product only in closed system or provide appropriate exhaust ventilation. Take precautionary measures against static discharges. Avoid contact with skin, eyes and clothing.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Store in a well-ventilated place. Keep cool.
- Information about storage in one common storage facility : Do not store with: oxidizing materials, Pyrophoric or self-heating substances. Keep away from food, drink and animal feeding stuffs.

#### 7.3. Specific end use(s)

No additional information available

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according to Regulation (EC) No. 1907/2006 (REACH)

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
<b>EU - Occupational Exposure Limits</b>	
Local name	2-Methoxy-1-methylethylacetate
IOELV TWA (mg/m <sup>3</sup> )	275 mg/m <sup>3</sup>
IOELV TWA (ppm)	50 ppm
IOELV STEL (mg/m <sup>3</sup> )	550 mg/m <sup>3</sup>
IOELV STEL (ppm)	100 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	1-Methoxypropyl acetate
WEL TWA (mg/m <sup>3</sup> )	274 mg/m <sup>3</sup>
WEL TWA (ppm)	50 ppm
WEL STEL (mg/m <sup>3</sup> )	548 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	100 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station. Provide local exhaust or general room ventilation.

##### Hand protection:

In case of repeated or prolonged contact wear gloves. Polyvinylchloride (PVC). EN 374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

##### Eye protection:

Sealed safety goggles. EN 166

##### Skin and body protection:

Wear suitable protective clothing. EN ISO 13688

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protective device with a combined gas and particle filter. EN 143. Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust.

##### Environmental exposure controls:

Avoid release to the environment.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: colourless.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 137 °C
Flash point	: > 23 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: 315 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: 5 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.78 g/cm <sup>3</sup>
Solubility	: Water: Practically not miscible
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 0.79 vol %
Upper explosive limit (UEL)	: 6.5 vol %

#### 9.2. Other information

VOC content : 100 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

#### 10.2. Chemical stability

No additional information available.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 10.5. Incompatible materials

Oxidizing agent.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (No data available)
Acute toxicity (dermal)	: Not classified (No data available)
Acute toxicity (inhalation)	: Not classified (No data available)

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<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
LD50 oral rat	6190 mg/kg bodyweight (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)
LC50 Inhalation - Rat	> 10800 mg/m <sup>3</sup> (3 h)

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: May cause drowsiness or dizziness. (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: No data available.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (No data available)
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects. (No data available)

<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
LC50 fish 1	100 – 180 mg/l (96 h; Oncorhynchus mykiss; (OECD 203 method))
EC50 Daphnia 1	> 500 mg/l (48 h; Daphnia magna; EU Method C.2)
ErC50 (algae)	> 1000 mg/l (96 h; Pseudokirchneriella subcapitata; (OECD 201 method))
NOEC chronic fish	47.5 mg/l (14 d; Oryzias latipes; (OECD 204 method))
NOEC chronic crustacea	≥ 100 mg/l (21 d; Daphnia magna; (OECD 211 method))

### 12.2. Persistence and degradability

<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	90 – 99 % (28 d; (OECD 301F method))

### 12.3. Bioaccumulative potential

<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.2 (20 °C; pH 6.8; (OECD 117 method))
Bioaccumulative potential	Bioaccumulation unlikely.

### 12.4. Mobility in soil

<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
Surface tension	29.4 mN/m (20 °C)

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### 12.5. Results of PBT and vPvB assessment

<b>PROBAU Silikonentferner</b>
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component	
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics (1174921-73-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
2-methoxy-1-methylethyl acetate (108-65-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available






## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Recycle or dispose of in compliance with current legislation.  
European List of Waste (LoW) code : 07 01 04\* - other organic solvents, washing liquids and mother liquors  
15 01 04 - metallic packaging

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 3295	UN 3295	UN 3295	UN 3295	UN 3295
<b>14.2. UN proper shipping name</b>				
HYDROCARBONS, LIQUID, N.O.S. (CONTAINS aliphatic hydrocarbons)	HYDROCARBONS, LIQUID, N.O.S. (CONTAINS aliphatic hydrocarbons)	Hydrocarbons, liquid, n.o.s. (CONTAINS aliphatic hydrocarbons)	HYDROCARBONS, LIQUID, N.O.S. (CONTAINS aliphatic hydrocarbons)	HYDROCARBONS, LIQUID, N.O.S. (CONTAINS aliphatic hydrocarbons)
<b>Transport document description</b>				
UN 3295 HYDROCARBONS, LIQUID, N.O.S. (CONTAINS aliphatic hydrocarbons), 3, III, (D/E)	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (CONTAINS aliphatic hydrocarbons), 3, III	UN 3295 Hydrocarbons, liquid, n.o.s. (CONTAINS aliphatic hydrocarbons), 3, III	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (CONTAINS aliphatic hydrocarbons), 3, III	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (CONTAINS aliphatic hydrocarbons), 3, III
<b>14.3. Transport hazard class(es)</b>				
3	3	3	3	3
				
<b>14.4. Packing group</b>				
III	III	III	III	III

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according to Regulation (EC) No. 1907/2006 (REACH)

### 14.5. Environmental hazards

Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : F1  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Transport category (ADR) : 3  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E  
EAC code : 3YE

#### Transport by sea

Special provisions (IMDG) : 223  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-D

#### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y344  
PCA limited quantity max net quantity (IATA) : 10L  
PCA packing instructions (IATA) : 355  
PCA max net quantity (IATA) : 60L  
CAO max net quantity (IATA) : 220L  
Special provisions (IATA) : A3, A224

#### Inland waterway transport

Classification code (ADN) : F1  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1

#### Rail transport

Classification code (RID) : F1  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Transport category (RID) : 3  
Hazard identification number (RID) : 30

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:	
Reference code	Applicable on
3(a)	PROBAU Silikonentferner ; Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; 2-methoxy-1-methylethyl acetate



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3(b)	PROBAU Silikonentferner ; Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; 2-methoxy-1-methylethyl acetate
3(c)	PROBAU Silikonentferner ; Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics
40.	PROBAU Silikonentferner ; Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; 2-methoxy-1-methylethyl acetate

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 100 %

Other information, restriction and prohibition regulations : This safety data sheet is for informational purposes only and does not comply with national legal requirements without reference to a national distributor. The national distributor is responsible for a legally compliant safety data sheet.

### Directive 2012/18/EU (SEVESO III)

Seveso III Part I (Categories of dangerous substances)	Qualifying quantity (tonnes)	
	Lower-tier	Upper-tier
P5c FLAMMABLE LIQUIDS Flammable liquids, Categories 2 or 3 not covered by P5a and P5b	5000	50000

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration

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OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Data sources : Supplier Safety Data Sheet.  
Department issuing data : KFT Chemieservice GmbH  
specification sheet: Im Leuschnerpark. 3 64347 Griesheim  
Germany  
  
Phone: +49 6155-8981-400 Fax: +49 6155 8981-500  
Safety Data Sheet Service: +49 6155 8981-522  
Contact person : Maximilian Gatterdam

Full text of H- and EUH-statements:	
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Flam. Liq. 3	H226	
STOT SE 3	H336	Calculation method
Asp. Tox. 1	H304	
Aquatic Chronic 3	H412	Calculation method

KFT SDS EU 00

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.