

# SAFETY DATA SHEET

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

## 50 310 - AEROPUMP fixative for charcoal/pencil

Article No.	50310	Issue date:	30.08.23
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name 50 310 - AEROPUMP fixative for charcoal/pencil  
REACH registration No. ---  
UFI UFI: 9CAG-V4YX-S007-9MCQ

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

General use Products for creation of art.

Uses advised against  
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#### 1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Strasse 2  
D-40699 Erkrath  
Tel +49 (0) 211 - 2509 - 0  
Fax +49 (0) 211 - 2509 - 479  
info@schmincke.de  
www.schmincke.de  
Schmincke-lab:  
mo-th 8.00-16.30, fr 8.00-13.30  
tel. +49 (0) 211-2509-474  
sdb@schmincke.de

#### 1.4 Emergency telephone number

Emergencycall Berlin  
+49 30-30686700  
(24/7 counseling in german and english)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

Eye Irrit. 2; H319 Causes serious eye irritation.  
Flam. Liq. 2; H225 Highly flammable liquid and vapour.  
STOT SE 3; H336 May cause drowsiness or dizziness.

#### 2.2 Label elements

##### Labelling



Signal word Danger

##### Hazard statements

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

##### Safety precautions

P102 Keep out of reach of children.

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P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing spray.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Text for labelling (CLP)

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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### Chemical characterisation

Alcohol  
acrylic resin

CAS-Number ---  
EINECS / ELINCS / NLP ---  
EU index number ---  
REACH registration No. ---  
Hazchem-Code ---  
CI-Number ---

### 3.2 Mixtures

#### Substance 1

1-methoxypropan-2-ol: 25 < 50 %  
CAS: 107-98-2  
REACH: 01-2119457435-35  
Flam. Liq. 3; H226 / STOT SE 3; H336

#### Substance 2

propan-2-ol: 25 < 50 %  
CAS: 67-63-0  
REACH: 01-2119457558-25  
Eye Irrit. 2; H319 / Flam. Liq. 2; H225 / STOT SE 3;  
H336

#### Additional information

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

If you feel unwell, seek medical advice (show the label where possible).

#### In case of inhalation

Provide fresh air. Seek medical attention if problems persist.

#### In case of skin contact

Remove residues with soap and water. In case of skin irritation, consult a physician.

#### After eye contact

#### After swallowing

Rinse mouth with water. Seek medical treatment in case of troubles.

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

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### 4.3 Indication of any immediate medical attention and special treatment needed

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### SECTION 5: Firefighting measures

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

##### **Extinguishing media which must not be used for safety reasons**

strong water jet

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

In case of fire may be liberated: Carbon monoxide and carbon dioxide

#### **5.3 Advice for firefighters**

##### **Special protective equipment for firefighters**

Use appropriate respiratory protection.

##### **Additional information**

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### SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes, and clothing.

#### **6.2 environmental precautions**

Discharge into the environment must be avoided.

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

##### **Methods for cleaning up**

Collect spilled material using paper towels and dispose. Provide adequate ventilation.

##### **Additional information**

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#### **6.4 Reference to other sections**

Dispose of waste according to applicable legislation.

### SECTION 7: Handling and storage

#### **7.1 Precautions for safe handling**

##### **Advices on safe handling**

Handle in accordance with good industrial hygiene and safety practice.

##### **Precautions against fire and explosion**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material.

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

##### **Requirements for storerooms and containers**

Keep in a cool, well-ventilated place.

##### **Hints on joint storage**

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##### **Storage class**

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##### **Further details**

Protect from frost and exposure to sun.

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

No special measures necessary if stored and handled as prescribed.

### SECTION 8: Exposure controls/personal protection

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### 8.1 Control parameters

107-98-2 1-methoxypropan-2-ol

DEU	WEL	100,000	approx.	2 (I)
DEU	WEL	370,000	mg/m <sup>3</sup>	-

67-63-0 propan-2-ol

DEU	WEL	200,000	mL/m <sup>3</sup>	-
DEU	WEL	500,000	mg/m <sup>3</sup>	2(II); DFG; Y

### DNEL overview

107-98-2 1-methoxypropan-2-ol

DNEL worker	Long-term - inhalation, systemic effects	369,00000	mg/m <sup>3</sup>
DNEL worker	Long-term - dermal, systemic effects	183,00000	mg/kg
DNEL worker	Acute - inhalation, systemic effects	553,50000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - oral, systemic effects	33,00000	mg/kg
DNEL Consumer	Long-term - inhalation, systemic effects	43,90000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - dermal, systemic effects	78,00000	mg/kg

### DNEL overview

67-63-0 propan-2-ol

DNEL worker	Long-term - inhalation, systemic effects	500,00000	mg/m <sup>3</sup>
DNEL worker	Long-term - dermal, systemic effects	888,00000	mg/kg bw/day
DNEL Consumer	Long-term - oral, systemic effects	26,00000	mg/kg bw/day
DNEL Consumer	Long-term - inhalation, systemic effects	89,00000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - dermal, systemic effects	319,00000	mg/kg bw/day

### PNEC overview

107-98-2 1-methoxypropan-2-ol

PNEC soil	2,47000	mg/kg
PNEC aquatic, freshwater	10,00000	mg/L
PNEC aquatic, marine water	1,00000	mg/L
PNEC soil, freshwater	41,60000	mg/kg
PNEC soil, marine water	4,17000	mg/kg
PNEC sewage treatment plant (STP)	100,00000	mg/L

### PNEC overview

67-63-0 propan-2-ol

PNEC soil	28,00000	mg/kg dw
PNEC aquatic, freshwater	140,90000	mg/L
PNEC aquatic, marine water	140,90000	mg/L
PNEC soil, freshwater	552,00000	mg/kg dw
PNEC soil, marine water	552,00000	mg/kg dw
PNEC sewage treatment plant (STP)	2251,00000	mg/L

### Biological limit values: overview

107-98-2 1-methoxypropan-2-ol

1-methoxypropan-2-ol	urine	end of exposure or end of	15,00000	mg/L	-
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### Biological limit values: overview

67-63-0 propan-2-ol

acetone	urine	end of exposure or end of	25,00000	mg/L	-
acetone	whole blood	end of exposure or end of	25,00000	mg/L	-

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### 8.2 Exposure controls

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#### Occupational exposure controls

##### Respiratory protection

Respiratory protection must be worn whenever the WEL levels have been exceeded.  
Combination filtering device (EN 14387) Use filter type A (= against vapours of organic substances)

##### Hand protection

Qualified materials: Butyl caoutchouc (butyl rubber)

Layer thickness > 0,5 mm

Breakthrough time > 480 min

Butoflex 650 - MAPA GmbH, Industriestraße 21- 25, D-27404 Zeven, Internet: www.mapa-pro.de

All information was derived in accordance with EU directive 89/686/EWG and the resultant EN 374 in cooperation with MAPA GmbH. This recommendation applies exclusively to the product and use named in Section 1. In the event of commingling or deviating conditions, contact the suppliers of CE-approved gloves.

##### Eye protection

Goggles

##### Body protection

Wear suitable protective clothing.

##### General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	liquid
Colour	colourless
Odour	alcoholic

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability		---		
Explosion limits	3,3	19 %		
Flash point/flash point range	18 °C	---		
Ignition temperature	363 °C	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility		---	---	---
Partition coefficient: n-octanol/water		---		
Vapour pressure		5,9 kPa	20 °C	---
Density and/or relative density		0,86 g/ml	20 °C	---
Relative vapour density	---	---	---	---
Auto-ignition temperature	---	---	---	---
Refraction index	---	---	---	---

Danger of explosion

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### 9.2 Other information

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Product is stable under normal storage conditions.

### 10.2 Chemical stability

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Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

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### 10.4 Conditions to avoid

Protect from frost and exposure to sun.

### 10.5 Incompatible materials

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### 10.6 Hazardous decomposition products

Hazardous vapours may form during fires.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Toxicological tests

107-98-2 1-methoxypropan-2-ol

oral	LD50	Rat		3739,00000	mg/kg	-
inhalative	LC50	Rat		32,00000	mg/L	(4h)
dermal	LD50	Rabbit		13000,00000	mg/kg	-

#### Toxicological tests

67-63-0 propan-2-ol

oral	LD50	Rat	>=	4500,00000	mg/kg	-
inhalative	LC50	Rat		30,00000	mg/L	(4h)
dermal	LD50	Rabbit	>	5000,00000	mg/kg	-

#### Toxicokinetics, metabolism and distribution

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#### Acute toxicity

There are no data available on the preparation/mixture itself.

#### In case of inhalation

There are no data available on the preparation/mixture itself.

#### After swallowing

There are no data available on the preparation/mixture itself.

#### In case of skin contact

There are no data available on the preparation/mixture itself.

#### After eye contact

There are no data available on the preparation/mixture itself.

### Practical experience

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### General remarks

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### 11.2 Information on other hazards

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Ecotoxicological effects

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LC50	Leuciscus idus	>	10000,00000	mg/L	(96h)
EC50	Daphnia magna (Big water	>	500,00000	mg/L	(48h)

### Ecotoxicological effects

67-63-0 propan-2-ol

LC50	Leuciscus idus	>	100,00000	mg/L	(48h)
EC50	Scenedesmus subspicatus	>	100,00000	mg/L	(72h)
EC50	Daphnia magna (Big water	>	100,00000	mg/L	(48h)

### Aquatic toxicity

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Water Hazard Class 1

WGK catalog number ---

### General information

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## 12.2 Persistence and degradability

### Further details

Product is partially biodegradable.

### Oxygen demand

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## 12.3 Bioaccumulative potential

### Bioconcentration factor (BCF)

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### Partition coefficient: n-octanol/water

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## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

No data available

## 12.6 Endocrine disrupting properties

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## 12.7 Other adverse effects

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

##### Waste key number

080111 Waste paint and varnish containing organic solvents or other dangerous substances

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##### Recommendation

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#### Package

##### Waste key number

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##### Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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### Additional information

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## SECTION 14: Transport information

### 14.1 UN number or ID number

1263

### 14.2 UN proper shipping name

ADR, ADN Paint related material  
IMDG, IATA PAINT or PAINT RELATED MATERIAL

### 14.3 Transport hazard class(es)

ADR, ADN 3  
IMDG 3  
IATA 3

### 14.4 Packing group

II

### 14.5 Environmental hazards

Marine Pollutant - IMDG No  
Marine Pollutant - ADN ---

### 14.6 Special precautions for user

#### Land transport (ADR/RID)

Code: ADR/RID F1  
Kemmler-number 33  
Hazard label ADR 3  
Limited quantities 5L  
Package: Instructions P001 - IBC02 - R001  
Package: Special Provisions PP1  
Special provisions for packing together MP19  
Portable tanks: Instructions T4  
Portable tanks: Special Provisions TP1 - TP8 - TP28  
Tank coding LGBF  
Tunnel restriction D/E  
Remarks ---  
EQ E2  
Special Provisions 163 - 367 - 640D - 650

#### Sea transport (IMDG)

EmS F-E, S-E  
Special Provisions 163 - 367  
Limited quantities 5L  
Package: Instructions P001  
Package: Special Provisions PP1  
IBC: Instructions IBC02  
IBC: Provisions -  
Tank instructions IMO -  
Tank instructions UN T4  
Tank instructions Special Provisions TP1 - TP8 - TP28  
Stowage and segregation category B  
Properties and observations ---  
Remarks ---  
EQ E2

#### Air transport (IATA-DGR)



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Hazard	Flammable Liquid
Passenger	353 (5L)
Passenger LQ	Y341 (1L)
Cargo	364 (60L)
ERG	3L
Remarks	---
EQ	E2
Special Provisioning	A72 - A192

### 14.7 Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### National regulations

##### Europe

Contents of VOC [%]	---
Contents of VOC [g/L]	---
Further regulations, limitations and legal requirements	---

##### Germany

Storage class	---
Water Hazard Class	1
WGK catalog number	---
Incident regulation	---
Information on working limitations	---
Further regulations, limitations and legal requirements	---

##### Switzerland

Contents of VOC [%]	96,3 %
Further regulations, limitations and legal requirements	---

##### USA

Further regulations, limitations and legal requirements	---
Federal Regulations	---
State Regulations	---

##### Canada

Further regulations, limitations and legal requirements	---
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### 15.2 Chemical Safety Assessment

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## SECTION 16: Other information

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### Further information

**Hazard statements (CLP)**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

### **Further information**

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

### **Literature**

REGULATION (EU) 2021/849 - ATP 17

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

### **Reason of change**

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### **Additional information**

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