

# SAFETY DATA SHEET

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

## 50 607 - AERO RETARDER

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

#### 1.1 Product identifier

**Trade name** 50 607 - AERO RETARDER  
retards drying time  
.  
Not to be used in pure !

**REACH registration No.** ---

**UFI** ---

#### 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)

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2 Label elements

##### Labelling

**Signal word** ---

**Hazard statements**  
no hazard labelling required

**Safety precautions**  
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**Text for labelling (CLP)**  
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### SECTION 3: Composition/information on ingredients

#### **3.1 Substances**

##### Chemical characterisation

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

#### **3.2 Mixtures**

##### Substance 1

ethanol: 1,0 - 3,0 %  
CAS: 64-17-5  
REACH: 01-2119457610-43-XXXX  
Eye Irrit. 2; H319 / Flam. Liq. 2; H225

##### 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

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 10 - 15 minutes. Seek medical attention if irritation persists.

##### After swallowing

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

#### **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**

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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

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### **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.

#### **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**

No special measures are required.

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

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

Store in a well-ventilated place. Keep container tightly closed. Keep away from sources of ignition and heat.

#### **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

### **8.1 Control parameters**

64-17-5 ethanol

DEU	WEL	200,000	mL/m <sup>3</sup>	-
DEU	WEL	380,000	mg/m <sup>3</sup>	2(II); DGF; Y
USA	PEL (US)	1,000,000	ppm	8h (long term)
USA	PEL (US)	1,900,000	mg/m <sup>3</sup>	8h (long term)

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### 8.2 Exposure controls

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#### Occupational exposure controls

##### **Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection must be worn whenever the WEL levels have been exceeded.

##### **Hand protection**

Protective 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	clear
Odour	characteristic

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	100 °C	---		
Flammability	---	---		
Explosion limits	---	---		
Flash point/flash point range	---	---		
Ignition temperature	---	---		
PH	8,5	9,5	---	---
Viscosity	---	---	---	---
Solubility		---	---	---
Partition coefficient: n-octanol/water		---		
Vapour pressure		---	---	---
Density and/or relative density		1 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

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.

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### 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

64-17-5 ethanol

oral	LD50	Rat		10470,00000	mg/kg	-
inhalative	LC50	Rat		38,00000	mg/L	(4h)
inhalative	LC50	Mouse	>	20,00000	mg/L	(4h)
dermal	LD50	Rabbit	>	2000,00000	mg/kg	-

#### Toxicokinetics, metabolism and distribution

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#### Acute toxicity

No data available

#### In case of inhalation

No data available

#### After swallowing

No data available

#### In case of skin contact

No data available

#### After eye contact

No data available

### 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

64-17-5 ethanol

LC50	Leuciscus idus		8140,00000	mg/L	48h
EC50	Chlorella vulgaris		275,00000	mg/L	(72h)
EC50	Daphnia magna	>	10000,00000	mg/L	48h

#### Aquatic toxicity

No data available

#### Water Hazard Class

1

#### WGK catalog number

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#### General information

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### 12.2 Persistence and degradability

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### 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

080 112 waste paint and varnish other than those mentioned in 08 01 11

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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.

### Additional information

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## SECTION 14: Transport information

### 14.1 UN number or ID number

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### 14.2 UN proper shipping name

ADR, ADN No dangerous good in sense of these transport regulations.

IMDG, IATA ---

### 14.3 Transport hazard class(es)

ADR, ADN ---

IMDG ---

IATA ---

### 14.4 Packing group

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### 14.5 Environmental hazards

Marine Pollutant - IMDG ---  
Marine Pollutant - ADN ---

### 14.6 Special precautions for user

#### Land transport (ADR/RID)

Code: ADR/RID ---  
Kemmler-number ---  
Hazard label ADR ---  
Limited quantities ---  
Package: Instructions ---  
Package: Special Provisions ---  
Special provisions for packing together ---  
Portable tanks: Instructions ---  
Portable tanks: Special Provisions ---  
Tank coding ---  
Tunnel restriction ---  
Remarks ---  
EQ ---  
Special Provisions ---

#### Sea transport (IMDG)

EmS ---  
Special Provisions ---  
Limited quantities ---  
Package: Instructions ---  
Package: Special Provisions ---  
IBC: Instructions ---  
IBC: Provisions ---  
Tank instructions IMO ---  
Tank instructions UN ---  
Tank instructions Special Provisions ---  
Stowage and segregation ---  
Properties and observations ---  
Remarks ---  
EQ ---

#### Air transport (IATA-DGR)

Hazard ---  
Passenger ---  
Passenger LQ ---  
Cargo ---  
ERG ---  
Remarks ---  
EQ ---  
Special Provisioning ---

### 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

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

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

Contents of VOC [%]  
< 3 %  
Further regulations, limitations and legal requirements  
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### 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

### Further information

Hazard statements (CLP) H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

#### 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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