

# SAFETY DATA SHEET

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

## series 16 - AKADEMIE Aquarell

Article No.	16 xxx	Issue date:	14.11.23
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name series 16 - AKADEMIE Aquarell  
fine artists' water-colours

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 ---

#### 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)

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#### 2.2 Label elements

##### Labelling

Signal word ---

Hazard statements  
no hazard labelling required

Safety precautions ---

##### Text for labelling (CLP)

Contains biocidal products. Contains BIT, CIT, MIT, OIT: May produce an allergic reaction.  
Full text of biocides: see section 16.

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### SECTION 3: Composition/information on ingredients

#### **3.1 Substances**

##### **Chemical characterisation**

pigment  
gum arabic  
Water

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

#### **3.2 Mixtures**

##### **Additional information**

annex

### 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**

No special measures are required.

##### **In case of skin contact**

Thoroughly wash skin with soap and water.  
Seek medical attention if irritation persists.

##### **After eye contact**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.  
Seek medical attention if irritation persists.

##### **After swallowing**

Rinse mouth with water. Let water be drunken in little sips (dilution effect).  
If you feel unwell, seek medical advice.

#### **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**

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

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

none

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

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

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### **5.3 Advice for firefighters**

Special protective equipment for firefighters

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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

Take up mechanically. Wash spill area with plenty of water.

Additional information

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

Dispose of waste according to applicable legislation. refer to section 13

## 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

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

Requirements for storerooms and containers

Keep container tightly closed.

Hints on joint storage

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Storage class

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Further details

storage temperature: from 10 °C to 35 °C

### **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**

### **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.

Hand protection

Protect skin by using skin protective cream.

Eye protection

No special measures are required.

Body protection

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No special handling advices are necessary.

### General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	solid
Colour	pigmented
Odour	odourless

	min	max		
Melting point/freezing point	---	---		
Initial boiling point and boiling range	---	---		
Flammability		---		
Explosion limits	---	---		
Flash point/flash point range	---	---		
Ignition temperature	---	---		
PH	6 - 7	---	---	---
Viscosity	---	---	---	---
Solubility		---	---	---
Partition coefficient: n-octanol/water		---		
Vapour pressure		---	---	---
Density and/or relative density		1,1 - 1,6 g/ml	---	---
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

No hazardous reaction when handled and stored according to provisions.

### 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

frost and heat

### 10.5 Incompatible materials

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### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

Toxicokinetics, metabolism and

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### 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

Acute toxicity, irritation of the skin and mucous mebrane, and mutagenic potential of the preparation were assessed by the manufacturer on the basis of the data available on the main components.

## 11.2 Information on other hazards

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### 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

080112 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 ---

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### 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

Contents of VOC [%]	0 %
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 [%]	---
Further regulations, limitations and legal requirements	---

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### USA

Further regulations, limitations and legal requirements

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Federal Regulations

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State Regulations

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### 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) ---

#### Further information

This information is abased 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

BIT - 1,2-benzisothiazol-3(2H)-one  
CIT - 5-chloro-2-methyl-4-isothiazolin-3-one  
MIT - 2-methyl-2H-isothiazol-3-one  
OIT - 2-octyl-2H-isothiazol-3-one



## Appendix for safety data sheet no.: 16000000EN

Art. Nr.	Art. Name	C.I.	
16111	opaque white	PW6	titanium dioxide
16222	light lemon yellow	PY3	monoazo yellow
16224	cadmium yellow hue	PY151	benzimidazolone
16225	Indian yellow	PY110; PY154	isoindulin; benzimidazolone
16226	Naples yellow	PW6; PR242; PY42	titanium dioxide; disazo condensation; hydrated iron oxide
16330	orange	PO71	diketo-pyrrolo-pyrrole
16332	cadmium red hue	PR255	diketo-Pyrrolo-Pyrrole
16333	carmin	PV19	quinacridone
16336	magenta	PV42	quinacridone
16440	violet	PV16	manganese ammonium phosphate
16442	indigo	PB15:1; PB66	phthalocyanine (Cu, Cl); indigo, synthetic
16443	ultramarine	PB29	ultramarine blue
16445	Prussian blue	PB27	iron-cyan-complex
16448	cyan	PB15:3	phthalocyanine (Cu)
16551	brilliant green	PG7	phthalocyanine (Cu, Cl)
16552	may green	PY151; PG7	benzimidazolone; phthalocyanine (Cu, Cl)
16553	permanent green	PO62; PG7	benzimidazolone; phthalocyanine (Cu, Cl)
16554	olive green yellowish	PO62; PG36	benzimidazolone; phthalocyanine (Cu, Cl, Br)
16660	yellow ochre	PY42	hydrated iron oxide
16664	burnt umber	PBr7	earth pigment
16665	sepia	PB15:1; PBr7; PBk6	phthalocyanine (Cu, Cl); earth pigment; lamp black
16666	English red	PR101	iron oxide
16770	Payne's grey	PR101; PBk7; PB29	iron oxide; lamp black; ultramarine blue
16782	black	PBk6	lamp black