

**SAFETY DATA SHEET**

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

86319-0000

**series 16 - AKADEMIE Aquarell**

|                    |               |                    |                 |
|--------------------|---------------|--------------------|-----------------|
| <b>Article No.</b> | <b>16 xxx</b> | <b>Issue date:</b> | <b>14.11.23</b> |
| <b>Version</b>     | <b>3.3</b>    | <b>Page</b>        | <b>1 / 8</b>    |

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

**1.1 Product identifier**

|                               |                                                              |
|-------------------------------|--------------------------------------------------------------|
| <b>Trade name</b>             | series 16 - AKADEMIE Aquarell<br>fine artists' water-colours |
| <b>REACH registration No.</b> | ---                                                          |
| <b>UFI</b>                    | ---                                                          |

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

|                             |                               |
|-----------------------------|-------------------------------|
| <b>General use</b>          | Products for creation of art. |
| <b>Uses advised against</b> | ---                           |

**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**

|                           |                              |
|---------------------------|------------------------------|
| <b>Signal word</b>        | ---                          |
| <b>Hazard statements</b>  | no hazard labelling required |
| <b>Safety precautions</b> | ---                          |

**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**

|               |           |
|---------------|-----------|
| <b>Form</b>   | solid     |
| <b>Colour</b> | pigmented |
| <b>Odour</b>  | odourless |

|                                                | <b>min</b> | <b>max</b>     |     |     |
|------------------------------------------------|------------|----------------|-----|-----|
| <b>Melting point/freezing point</b>            | ---        | ---            |     |     |
| <b>Initial boiling point and boiling range</b> | ---        | ---            |     |     |
| <b>Flammability</b>                            |            | ---            |     |     |
| <b>Explosion limits</b>                        | ---        | ---            |     |     |
| <b>Flash point/flash point range</b>           | ---        | ---            |     |     |
| <b>Ignition temperature</b>                    | ---        | ---            |     |     |
| <b>PH</b>                                      | 6 - 7      | ---            | --- | --- |
| <b>Viscosity</b>                               | ---        | ---            | --- | --- |
| <b>Solubility</b>                              |            | ---            | --- | --- |
| <b>Partition coefficient: n-octanol/water</b>  |            | ---            |     |     |
| <b>Vapour pressure</b>                         |            | ---            | --- | --- |
| <b>Density and/or relative density</b>         |            | 1,1 - 1,6 g/ml | --- | --- |
| <b>Relative vapour density</b>                 | ---        | ---            | --- | --- |
| <b>Auto-ignition temperature</b>               | ---        | ---            | --- | --- |
| <b>Refraction index</b>                        | ---        | ---            | --- | --- |

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**  
---

**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**  
---

**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**  
---

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity**  
---

**Water Hazard Class** 1

**WGK catalog number** ---

**General information**  
---

**12.2 Persistence and degradability**

**Further details**  
Product is partially biodegradable.

**Oxygen demand**  
---

**12.3 Bioaccumulative potential**

**Bioconcentration factor (BCF)**  
---

**Partition coefficient: n-octanol/water**  
---

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Endocrine disrupting properties**  
---

**12.7 Other adverse effects**  
---

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**SAFETY DATA SHEET**  
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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 |
| Recommendation   | ---    | ---                                                            |

**Package**

|                  |                                                                                                                  |     |
|------------------|------------------------------------------------------------------------------------------------------------------|-----|
| Waste key number | ---                                                                                                              | --- |
| Recommendation   | Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. |     |

**Additional information**

---

**SECTION 14: Transport information**

**14.1 UN number or ID number**

---

**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**

---

**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

---

#### 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)

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#### 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

---

#### 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

Die Angaben in diesem Datenblatt sind nach bestem Wissen zusammengestellt und entsprechen dem Stand der Kenntnis zum Überarbeitungsdatum.  
Sie sichern jedoch nicht die Einhaltung bestimmter Eigenschaften im Sinne der Rechtsverbindlichkeit zu.

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| 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    | carmine               | 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                                                 |

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