

# SAFETY DATA SHEET

MSDS for #86324 - AQUA DROP According to Regulation (EC) No. 1907/2006 (REACH)

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## series 24 - AQUA DROP

Article No.	24200034	lemon yellow	Issue date:	31.10.19
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name series 24 - AQUA DROP  
finest liquid watercolours

#### 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-Str. 2  
D - 40699 Erkrath  
Tel. +49 (0) 211-2509-0  
Fax. +49 (0) 211-2509-497  
info@schmincke.de  
www.schmincke.de

Dept. responsible for information  
Schmincke-labor:  
mo-th 8.00-16.30, fr 8.00-13.30  
Tel. +49 (0) 211-2509-474  
labor@schmincke.de

#### 1.4 Emergency telephone number

<b>Emergency Information</b>	<b>Emergencycall Berlin</b>
<b>Phone #</b>	<b>(24h - counseling in german and english)</b>
	<b>+49 (0) 30-30686700</b>

### 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

##### Text for labelling (CLP)

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

#### 2.3 Other hazards

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### SECTION 3: Composition / information on ingredients

#### 3.1 Substances

##### Chemical characterisation

PVA (Polyvinyl alcohol)  
pigment  
Water  
additive

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

#### 3.2 Mixtures

##### Additional information

Further information: annex

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

No special measures are required.

##### In case of inhalation

No special measures are required. Seek medical aid in case of troubles.

##### In case of skin contact

Remove residues with soap and water. Seek medical attention if irritation persists.

##### After eye contact

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.

##### After swallowing

Seek medical treatment in case of troubles.

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

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

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

Full 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

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Special protective equipment for firefighters  
Additional information

### 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

#### 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

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

##### Requirements for storerooms and containers

Keep container tightly closed.

##### Hints on joint storage

##### Storage class

##### Further details

storage temperature: 10 - 25 °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

##### 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

Safety glasses

##### Body protection

Wear suitable protective clothing. Take off contaminated clothing and wash it before reuse.

##### General protection and hygiene measures

Wash hands before breaks and after work.

### SECTION 9: Physical and chemical properties

#### 9.1 information on basic physical and chemical properties

Form liquid

Colour pigmented

Odour almost odourless

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	min	max	
Initial boiling point and boiling range			
Melting point/freezing point			
Flash point/flash point range			
Flammability			
Ignition temperature			
Auto-ignition temperature			
Explosion limits			
Refraction index			
PH value	7	9	
Viscosity			
Viscosity			
Vapour pressure			
Density		1,0 - 1,1 kg/l	20 °C
Partition coefficient: n-octanol/water			

Danger of explosion

### 9.2 Other information

## 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

### 10.4 Conditions to avoid

frost and heat

### 10.5 Incompatible materials

strong oxidizing agents

### 10.6 Hazardous decomposition products

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### 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

### General remarks

## SECTION 12: Ecological information

### 12.1 Toxicity

Item Numbers: 86324-1001, 86324-1002, 86324-1009, 86324-1019, 86324-1083, 86324-2143, 86324-2543, 86324-3083, 86324-3283, 86324-3373, 86324-3713, 86324-4063, 86324-4163, 86324-4593, 86324-5203, 86324-5293, 86324-5563, 86324-5593, 86324-6003, 86324-6103, 86324-6143, 86324-7053, 86324-7073, 86324-7223, 86324-7333, 86324-8043, 86324-8053, 86324-8083, 86324-8133

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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 Other adverse effects

General information

## 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

#### Contaminated packaging

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

### 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

### 14.6 Special precautions for user

Land transport (ADR/RID) 324-1009, 86324-1019, 86324-1083, 86324-2143, 86324-2543, 86324-3083, 86324-3283, 86324-3373, 86324-3713, 86324-4063, 86324-4163, 86324-4593, 86324-5203, 86324-5293, 86324-5563, 86324-5593, 86324-6003, 86324-6103, 86324-6143, 86324-7053, 86324-7073, 86324-7223, 86324-7333, 86324-8043, 86324-8053, 86324-8083, 86324-8133

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Kemmler-number  
Hazard label ADR  
Limited quantities  
Contaminated packaging: Instructions  
Contaminated packaging: 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  
Contaminated packaging: Instructions  
Contaminated packaging: 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 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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 3

###### Incident regulation

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**Information on working limitations**  
**Further regulations, limitations and legal requirements**

### Denmark

**Further regulations, limitations and legal requirements**

### Hungary

**Further regulations, limitations and legal requirements**

### Great Britain

**Further regulations, limitations and legal requirements**

### Switzerland

**Contents of VOC [%]**

0 %

**Further regulations, limitations and legal requirements**

### USA

**Further regulations, limitations and legal requirements**

**Federal Regulations**

**State Regulations**

### Japan

**Further regulations, limitations and legal requirements**

### Canada

**Further regulations, limitations and legal requirements**

## 15.2 Chemical Safety Assessment

## SECTION 16: Other information

### Further information

**Hazard statements (CLP)**

**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**

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

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision

It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations

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**Appendix for safety data sheet no.: 24 000 000**  
**AQUA DROP**

art.nr.	art.name	C.I.	
24200	lemon yellow	PY3	Monoazo
24240	Indian yellow	PY83	Diaryl
24250	brilliant orange	PY74; PO43	Monoazo; Perinone
24320	vermilion red	PR112	Naphthol AS
24330	scarlet red	PR170	Naphthol AS
24340	madder red	PR179	Perylene
24360	ruby red	PR184	Perylene
24380	magenta	PR122	Quinacridone
24390	purple	PR122; PV23	Quinacridone; Dioxazine
24400	amethyst violet	PV23	Dioxazine
24430	ink blue	PB15:1; PV23	Phthalocyanine (Cu); Dioxazine
24440	sapphire blue	PB60	Indanthrone
24460	indigo blue	PV23; PG7	Dioxazine; Phthalocyanine (Cu, Cl)
24480	cyan blue	PB15:3	Phthalocyanine (Cu)
24500	emerald green	PG7	Phthalocyanine (Cu, Cl)
24550	jade green	PG36; PG7; PBr25	Phthalocyanine complex (Cu, Cl, Br); Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb)
24570	olive green	PY83; PO43; PG7	Diaryl; Perinone; Phthalocyanine (Cu, Cl)
24580	may green	PY74; PG36	Monoazo; Phthalocyanine complex (Cu, Cl, Br)
24620	amber	PY83; PV23	Diaryl; Dioxazine
24640	burnt Sienna	PBr25	Rutile (Ti, Cr, Sb)
24660	burnt umber	PG36; PBr25	Phthalocyanine complex (Cu, Cl, Br); Rutile (Ti, Cr, Sb)
24680	Sepia	PG7; PBr25; PBk7	Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb); Lamp black
24720	neutral grey	PY74; PR122; PB15:3	Monoazo; Quinacridone; Phthalocyanine (Cu)
24780	deep black	PBk7	Lamp black

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