

SAFETY DATA SHEET

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

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

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

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

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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)

Code

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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
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.

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

art.nr.	art.name	C.I.		CAS-nr.
24200	lemon yellow	PY3	Monoazo	6486-23-3
24240	Indian yellow	PY83	Diaryl	5567-15-7
24250	brilliant orange	PY74; PO43	Monoazo; Perinone	6358-31-2; 4424-06-0
24320	vermilion red	PR112	Naphthol AS	6535-46-2
24330	scarlet red	PR170	Naphthol AS	2786-76-7
24340	madder red	PR179	Perylene	5521-31-3
24360	ruby red	PR184	Perylene	5521-31-3
24380	magenta	PR122	Quinacridone	980-26-7
24390	purple	PR122; PV23	Quinacridone; Dioxazine	980-26-7; 6358-30-1
24400	amethyst violet	PV23	Dioxazine	6358-30-1
24430	ink blue	PB15:1; PV23	Phthalocyanine (Cu); Dioxazine	147-14-8; 6358-30-1
24440	sapphire blue	PB60	Indanthrone	81-77-6
24460	indigo blue	PV23; PG7	Dioxazine; Phthalocyanine (Cu, Cl)	6358-30-1; 1328-53-6
24480	cyan blue	PB15:3	Phthalocyanine (Cu)	147-14-8
24500	emerald green	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
24550	jade green	PG36; PG7; PBr25	Phthalocyanine complex (Cu, Cl, Br); Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb)	14302-13-7; 1328-53-6; 68186-90-3
24570	olive green	PY83; PO43; PG7	Diaryl; Perinone; Phthalocyanine (Cu, Cl)	5567-15-7; 4424-06-0; 1328-53-6
24580	may green	PY74; PG36	Monoazo; Phthalocyanine complex (Cu, Cl, Br)	6358-31-2; 14302-13-7
24620	amber	PY83; PV23	Diaryl; Dioxazine	5567-15-7; 6358-30-1
24640	burnt Sienna	PBr25	Rutile (Ti, Cr, Sb)	68186-90-3
24660	burnt umber	PG36; PBr25	Phthalocyanine complex (Cu, Cl, Br); Rutile (Ti, Cr, Sb)	14302-13-7; 68186-90-3
24680	Sepia	PG7; PBr25; PBk7	Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb); Lamp black	1328-53-6; 68186-90-3; 1333-86-4
24720	neutral grey	PY74; PR122; PB15:3	Monoazo; Quinacridone; Phthalocyanine (Cu)	6358-31-2; 980-26-7; 147-14-8
24780	deep black	PBk7	Lamp black	1333-86-4