

SAFETY DATA SHEET

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

series 14 - HORADAM SQUARELL

Article No.	14 914 / 14 931 / 14 952 / 14 974	Issue date:	23.03.22
Version	1 (23.03.22)	Page	1 / 8

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

1.1 Product identifier

Trade name series 14 - HORADAM SQUARELL
Finest artists' water-colours
.
14 914 volcano violet
14 931 shire yellow
14 952 deep sea indigo
14 974 galaxy brown

Name INCI
Name Ph. Eur.
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
labor@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)

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling

Signal word Warning

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Based on the low volume (small packaging size) and the tiny risk potential there is no labelling on the pans.

Safety precautions

P273 Avoid release to the environment.

SAFETY DATA SHEET

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

series 14 - HORADAM AQUARELL

Article No.	14 914 / 14 931 / 14 952 / 14 974	Issue date:	23.03.22
Version	1 (23.03.22)	Page	2 / 8

Hazard components for labelling

Special provisions concerning the labelling of certain mixtures

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation

pigment
gum arabic
Water

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

14 914 PV62 PR108
14 931 PV62 PY159
14 952 PV62 PG18
14 974 PV62 PBr6

3.2 Mixtures

Substance 1

barium oxide, solid soln. with calcium oxide, magnesium oxide, phosphorus oxide, strontium oxide and zinc oxide, copper-doped: 2,5 < 25 %
CAS: 101356-96-1
REACH: 01-2120761036-59
Aquatic Acute 1; H400 / Aquatic Chronic 2; H411

Additional information

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

SAFETY DATA SHEET

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

series 14 - HORADAM AQUARELL

Article No.	14 914 / 14 931 / 14 952 / 14 974	Issue date:	23.03.22
Version	1 (23.03.22)	Page	3 / 8

4.3 Indication of any immediate medical attention and special treatment needed

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

5.3 Advice for firefighters

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: from 15 °C to 25 °C

Protect from moisture contamination.

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.

SAFETY DATA SHEET

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

series 14 - HORADAM AQUARELL

Article No.	14 914 / 14 931 / 14 952 / 14 974	Issue date:	23.03.22
Version	1 (23.03.22)	Page	4 / 8

Hand protection

Protect skin by using skin protective cream.

Eye protection

Goggles

Body protection

Wear suitable protective clothing. Wash contaminated clothing prior to re-use.

General protection and hygiene measures

After work, wash hands and face.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	solid / pasty
Colour	violet
Odour	almost odourless

	min	max	
Melting point/freezing point			
Initial boiling point and boiling range			
Flammability			
Explosion limits			
Flash point/flash point range			
Ignition temperature			
PH	4	6,5	
Viscosity			
Solubility			
Partition coefficient: n-octanol/water			
Vapour pressure			
Density and/or relative density		1,8 kg/l	20 °C
Relative vapour density			
Auto-ignition temperature			
Refraction index			

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 acids oxidizing agents Strong alkali

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

SAFETY DATA SHEET

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

series 14 - HORADAM AQUARELL

Article No. 14 914 / 14 931 / 14 952 / 14 974 Issue date: 23.03.22
Version 1 (23.03.22) Page 5/ 8

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

Toxicological tests

101356-96-1 barium oxide, solid soln. with calcium oxide, magnesium oxide, phosphorus oxide, strontium oxide an

not required	LC50	Rat	>	5,06000	mg/L	(4h)
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Toxicokinetics, metabolism and distribution

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

General remarks

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicological effects

101356-96-1 barium oxide, solid soln. with calcium oxide, mag

EC50	Pseudokirchneriella subca		32,00000	µg/L	(72h)
EC50	Daphnia magna (Big water		9,50000	µg/L	(48h)
NOEC	Pseudokirchneriella subca		4,20000	µg/L	-

Aquatic toxicity

Water Hazard Class

2

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

SAFETY DATA SHEET

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

series 14 - HORADAM AQUARELL

Article No.	14 914 / 14 931 / 14 952 / 14 974	Issue date:	23.03.22
Version	1 (23.03.22)	Page	6 / 8

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

Inland waterway craft (ADN)

Hazard label
Limited quantities
Transport permitted
Equipment necessary
Ventilation
Remarks
EQ

SAFETY DATA SHEET

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

series 14 - HORADAM AQUARELL

Article No.	14 914 / 14 931 / 14 952 / 14 974	Issue date:	23.03.22
Version	1 (23.03.22)	Page	7 / 8

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

Contents of VOC [%] 0
Contents of VOC
[g/L]
Further regulations, limitations and legal requirements

Germany

Storage class
Water Hazard Class 2
WGK catalog number
Incident regulation
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

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

series 14 - HORADAM AQUARELL

Article No.	14 914 / 14 931 / 14 952 / 14 974	Issue date:	23.03.22
Version	1 (23.03.22)	Page	8 / 8

Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%]

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)

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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 a 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