SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

50 031 - Oxgall

50031026	**oxgall**		**Issue date:**	**19.05.26**
Version	**3.4**	**(18.06.25)**	**Page**	**1/ 9**

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

1.1 Product identifier

Trade name 50 031 - Oxgall
REACH registration No.
UFI ---

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

General use
Products for the artistic design of load-bearing and solid substrates.

Uses advised against
Applications other than "General use"

1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG
Otto-Hahn-Strasse 2
D-40699 Erkrath
+49 (0) 211 - 2509 - 0
info@schmincke.de
www.schmincke.de

Schmincke lab:
mo-th 8.00-16.30, fr 8.00-13.30
+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)

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

Hazard components for labelling

Special provisions concerning the labelling of certain mixtures
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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This product contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation

Oxgall

CAS-Number
EC-number
REACH registration No.
CI-Number

3.2 Mixtures

1,2-benzisothiazol-3(2H)-one (BIT): < 0,036 %
CAS-Number: 2634-33-5
EU index number: 220-120-9
EC-number: 613-088-00-6

Acute Tox. 2; H330 / Acute Tox. 4; H302 / Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 1; H410 (M = 1) / Eye Dam. 1; H318 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317
Skin Sens. 1; H317: C >=0,036%

5-chloro-2-methyl-2H-isothiazol-3-one (CIT): < 0,0015 %
CAS-Number: 26172-55-4
EC-number: 247-500-7

Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 2; H411 (M = 1) / Eye Dam. 1; H318 / Skin Corr. 1C; H314 / Skin Sens. 1A; H317

2-methyl-2H-isothiazol-3-one (MIT): < 0,0015 %
CAS-Number: 2682-20-4
EU index number: 220-239-6

EUH071 / Acute Tox. 2; H330 / Acute Tox. 3; H301 / Acute Tox. 3; H311 / Aquatic Acute 1; H400 (M = 10) / Aquatic Chronic 1; H410 (M = 1) / Eye Dam. 1; H318 / Skin Corr. 1B; H314 / Skin Sens. 1A; H317
Skin Sens. 1A; H317: C >=0,0015%

2-octyl-2H-isothiazol-3-one (OIT): < 0,0015 %
CAS-Number: 26530-20-1
EU index number: 613-112-00-5
EC-number: 247-761-7

EUH071 / Acute Tox. 2; H330 / Acute Tox. 3; H301 / Acute Tox. 3; H311 / Aquatic Acute 1; H400 (M = 100) / Aquatic Chronic 1; H410 (M = 100) / Eye Dam. 1; H318 / Skin Corr. 1; H314 / Skin Sens. 1A; H317
Skin Sens. 1A; H317: C >=0,0015%

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

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No known symptoms to date.

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

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

Normally stable, even under fire exposure conditions, and are not reactive with water

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

Safe handling: see section 7
Disposal: see 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	LGK 12
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

DNEL overview

2634-33-5	1,2-benzisothiazol-3(2H)-one (BIT)

DNEL worker	Long-term - inhalation, systemic effects	6,81000	mg/m³
DNEL worker	Long-term - dermal, systemic effects	0,96600	mg/kg bw/day

PNEC overview

2634-33-5 1,2-benzisothiazol-3(2H)-one (BIT)

PNEC soil	30,00000	mg/kg
PNEC aquatic, freshwater	4,03000	µg/L
PNEC aquatic, marine water	0,40300	µg/L
PNEC soil, freshwater	49,90000	µg/kg
PNEC soil, marine water	4,99000	µg/kg
PNEC sewage treatment plant (STP)	1,03000	mg/L

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

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 liquid
Colour amber
Odour characteristic weak,

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

Danger of explosion not explosive
particle characteristics

9.2 Other information

Information with regard to physical hazard classes

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

none

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

Toxicological tests

2634-33-5 1,2-benzisothiazol-3(2H)-one (BIT)

oral	ATE	not required		450,00000	mg/kg bw	-
inhalative	ATE	not required		0,21000	mg/L	(dust or mist)

Toxicological tests

26530-20-1 2-octyl-2H-isothiazol-3-one (OIT)

oral	ATE	not required		125,00000	mg/kg	-
inhalative	ATE	not required		0,27000	mg/L	(dust or mist)
dermal	ATE	not required		311,00000	mg/kg	-

Toxicokinetics, metabolism and distribution

Acute toxicity There are no data available on the mixture itself.

Aspiration hazard There are no data available on the mixture itself.

After swallowing There are no data available on the mixture itself.

Skin corrosion/irritation There are no data available on the mixture itself.

Serious eye damage/eye irritation There are no data available on the mixture itself.

Sensibilisation: Respiratory system There are no data available on the mixture itself.

Sensibilisation: Skin There are no data available on the mixture itself.

STOT-single exposure There are no data available on the mixture itself.

STOT-repeated exposure There are no data available on the mixture itself.

Carcinogenic, germ cell mutagen and reproduction effects

Germ cell mutagenicity No indications of human germ cell mutagenicity exist.

Carcinogenicity No indication of human carcinogenicity.

Reproductive toxicity No indications of human reproductive toxicity exist.

Practical experience

General remarks

11.2 Information on other hazards

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
none

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicological effects
2634-33-5 1,2-benzisothiazol-3(2H)-one (BIT)

ErC50	Algae		150,00000	µg/L	(72h)
LC50	fish		16,70000	mg/L	(96h)
EC50	Daphnia magna (Big water		2,94000	mg/L	(48h)

Ecotoxicological effects
26530-20-1 2-octyl-2H-isothiazol-3-one (OIT)

ErC50	Algae		0,15000	mg/L	(96h)
LC50	fish		0,12200	mg/L	(96h)

Aquatic toxicity No data available
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
There are no data available on the mixture itself.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

There are no data available on the mixture itself.

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
Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains.

Package

Waste key number

Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Additional information

https://www.schmincke.de/en/know-how/good-to-know/disposing-of-washing-water-colour-medium-remains

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)

Classification code ADR/RID

Hazard identification 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

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

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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 LGK 12
Water Hazard Class 1
WGK catalog number
Major Accident Ordinance (12. BImSchV)
Information on working limitations
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

15.2 Chemical Safety Assessment

SECTION 16: Other information

Further information

Hazard statements (CLP)

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

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H411 Toxic to aquatic life with long lasting effects.

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) 2024/2564 - ATP 22

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 (CAS: 2634-33-5)
CIT - 5-chloro-2-methyl-4-isothiazolin-3-one (CAS: 26172-55-4)
MIT - 2-methyl-2H-isothiazol-3-one (CAS: 2682-20-4)
OIT - 2-octyl-2H-isothiazol-3-one (CAS: 23560-20-1)