

Safety Data Sheet

ERFURT AquaTec Grundierung

Safety Data Sheet dated 19/01/2023

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

1.1. Product identifier

Mixture identification:

Trade name: ERFURT AquaTec Grundierung

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

Recommended use:

Acrylic water based primer for walls and floors.

1.3. Details of the supplier of the safety data sheet

Company:

ERFURT & SOHN KG

Hugo-Erfurt-Straße 1

42399 Wuppertal

Tel.: +49 202 6110 242

Fax-Nr.: +49 202 6110 89242

Competent person responsible for the safety data sheet: a.weissenbach@erfurt.com

1.4. Emergency telephone number

Ph. Giftnotrufzentrale Bonn +49 228 19240 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

EUH210 Safety data sheet available on request.

Contains

octhiline (ISO); 2-octyl-2H-isothiazol-3-one: May produce an allergic reaction.

1,2-Benzisothiazol-3(2H)-one : May produce an allergic reaction.

5-chloro-2-methyl-2h-isothiazol-3-one + 2-methyl-2h-isothiazol-3-one: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards:

No other hazards

Safety Data Sheet

ERFURT AquaTec Grundierung
























SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
288 ppm	octhilonone (ISO); 2-octyl-2H-isothiazol-3-one	Index number: 613-112-00-5 CAS: 26530-20-1 EC: 247-761-7	 3.1/4/Oral Acute Tox. 4 H302  3.1/3/Dermal Acute Tox. 3 H311  3.2/1B Skin Corr. 1B H314  3.4.2/1A Skin Sens. 1A H317  3.1/3/Inhal Acute Tox. 3 H331  4.1/A1 Aquatic Acute 1 H400 M=10.  4.1/C1 Aquatic Chronic 1 H410 M=1.  3.1/2/Inhal Acute Tox. 2 H330  3.3/1 Eye Dam. 1 H318
189 ppm	1,2-Benzisothiazol-3(2H)-one	Index number: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9	 3.2/2 Skin Irrit. 2 H315  3.3/1 Eye Dam. 1 H318  4.1/C2 Aquatic Chronic 2 H411  3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317  4.1/A1 Aquatic Acute 1 H400  3.1/4/Oral Acute Tox. 4 H302 Specific Concentration Limits: C >= 0,05%: Skin Sens. 1,1A,1B H317
14 ppm	5-chloro-2-methyl-2h-isothiazol-3-one + 2-methyl-2h-isothiazol-3-one	Index number: 613-167-00-5 CAS: 55965-84-9 EC: 611-341-5	 3.1/2/Dermal Acute Tox. 2 H310  3.2/1C Skin Corr. 1C H314  3.4.2/1A Skin Sens. 1A H317  3.1/2/Inhal Acute Tox. 2 H330  3.3/1 Eye Dam. 1 H318  4.1/A1 Aquatic Acute 1 H400 M=100.  4.1/C1 Aquatic Chronic 1 H410 M=100.  3.1/3/Oral Acute Tox. 3 H301 Specific Concentration Limits: C >= 0,6%: Eye Dam. 1 H318 C >= 0,0015%: Skin Sens.

Safety Data Sheet

ERFURT AquaTec Grundierung

			1,1A,1B H317 0,06% <= C < 0.6%: Skin Irrit. 2 H315 0,06% <= C < 0.6%: Eye Irrit. 2 H319 C >= 0,6%: Skin Corr. 1B H314
--	--	--	--

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Safety Data Sheet

ERFURT AquaTec Grundierung

Wash with plenty of water.
 6.4. Reference to other sections
 See also section 8 and 13

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
 Avoid contact with skin and eyes, inhalation of vapours and mists.
 See also section 8 for recommended protective equipment.
 Advice on general occupational hygiene:
 Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities
 Store at temperature between +5°C and +30°C.
 Keep away from food, drink and feed.
 Incompatible materials:
 None in particular.
 Instructions as regards storage premises:
 Adequately ventilated premises.
- 7.3. Specific end use(s)
 None in particular

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
 No occupational exposure limit available
 DNEL Exposure Limit Values
 N.A.
 PNEC Exposure Limit Values
 N.A.
- 8.2. Exposure controls
 Eye protection:
 Not needed for normal use. Anyway, operate according good working practices.
 Protection for skin:
 No special precaution must be adopted for normal use.
 Protection for hands:
 Not needed for normal use.
 Respiratory protection:
 Not needed for normal use.
 Thermal Hazards:
 None
 Environmental exposure controls:
 None
 Appropriate engineering controls:
 None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Light blue	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	0°C	--	--
Boiling point or initial boiling point and boiling	100°C	--	--

Safety Data Sheet

ERFURT AquaTec Grundierung

range:			
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	7.7	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	solubile	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	N.A.	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Viscosity:	1700-2000 cps	Brookfield viscometer	--

SECTION 10: Stability and reactivity

- 10.1. Reactivity
Stable under normal conditions
- 10.2. Chemical stability
In order to avoid negative effects on the active ingredient (s), the product must not be diluted or mixed with other chemicals before the use.
- 10.3. Possibility of hazardous reactions
None
- 10.4. Conditions to avoid
Stable under normal conditions.
- 10.5. Incompatible materials
None in particular.
- 10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

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

Toxicological information of the product:

ERFURT AquaTec Grundierung

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

Safety Data Sheet

ERFURT AquaTec Grundierung

- c) serious eye damage/irritation
Not classified
Based on available data, the classification criteria are not met
 - d) respiratory or skin sensitisation
Not classified
Based on available data, the classification criteria are not met
 - e) germ cell mutagenicity
Not classified
Based on available data, the classification criteria are not met
 - f) carcinogenicity
Not classified
Based on available data, the classification criteria are not met
 - g) reproductive toxicity
Not classified
Based on available data, the classification criteria are not met
 - h) STOT-single exposure
Not classified
Based on available data, the classification criteria are not met
 - i) STOT-repeated exposure
Not classified
Based on available data, the classification criteria are not met
 - j) aspiration hazard
Not classified
Based on available data, the classification criteria are not met
- Toxicological information of the main substances found in the product:
octhilinone (ISO); 2-octyl-2H-isothiazol-3-one - CAS: 26530-20-1
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 500 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 311 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 0.78 mg/l - Duration: 4h
- 1,2-Benzisothiazol-3(2H)-one - CAS: 2634-33-5
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 2 1020 mg/kg
- 5-chloro-2-methyl-2h-isothiazol-3-one + 2-methyl-2h-isothiazol-3-one - CAS: 55965-84-9
- a) acute toxicity:
Test: LC50 - Route: Inhalation - Species: Rat 2 0.31 mg/l - Duration: 4h - Notes:
Atmosfera test polvere/nebbia
 - d) respiratory or skin sensitisation:
Route: dermal - Species: Guinea pigs - Notes: puo provocre sensibilizzazione per
contatto con la pelle
- 11.2. Information on other hazards
Endocrine disrupting properties:
No endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 12: Ecological information

- 12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
ERFURT AquaTec Grundierung
Not classified for environmental hazards
Based on available data, the classification criteria are not met
- octhilinone (ISO); 2-octyl-2H-isothiazol-3-one - CAS: 26530-20-1
- g) Toxicity in water:
Endpoint: EC50 - Species: Daphnia 2 0.42 mg/l - Duration h: 48

Safety Data Sheet

ERFURT AquaTec Grundierung

- Endpoint: EC50 - Species: Scenedesmus subspicatus 2 0.084 mg/l - Duration h: 72
Endpoint: LC50 - Species: Fish 2 0.047 mg/l - Duration h: 96
Endpoint: NOEC - Species: Daphnia 2 0.002 mg/l - Duration h: 504
Endpoint: NOEC - Species: Fish 2 0.022 mg/l - Duration h: 672
Endpoint: NOEC - Species: Algae 2 0.004 mg/l - Duration h: 72
- 1,2-Benzisothiazol-3(2H)-one - CAS: 2634-33-5
- a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 2 2.15000 mg/l
Endpoint: EC50 - Species: Daphnia 2 0.12 mg/l - Duration h: 48
- b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Algae 2 0.04030 mg/l - Duration h: 72
Endpoint: EC50 - Species: Algae 2 0.11000 mg/l - Duration h: 72
- 5-chloro-2-methyl-2h-isothiazol-3-one + 2-methyl-2h-isothiazol-3-one - CAS: 55965-84-9
- a) Aquatic acute toxicity:
Notes: 100
- b) Aquatic chronic toxicity:
Notes: 100
- e) Plant toxicity:
Endpoint: CE50 - Species: Algae 2 0.379 mg/l - Duration h: 72 - Notes:
Pseudokirchneriella subcapitata TEST dell'OECD
Endpoint: EC10 - Species: Algae 2 0.188 mg/l - Notes: Pseudokirchneriella subcapitata
TEST dell'OECD
- g) Toxicity in water:
Endpoint: CL50 - Species: Fish 2 0.58 mg/l - Duration h: 96 - Notes: Danio rerio
Endpoint: CE50 - Species: Daphnia 2 1.02 mg/l - Duration h: 48 - Notes: Dphnia magna
- 12.2. Persistence and degradability
5-chloro-2-methyl-2h-isothiazol-3-one + 2-methyl-2h-isothiazol-3-one - CAS: 55965-84-9
Biodegradability: Non-readily biodegradable
- 12.3. Bioaccumulative potential
N.A.
- 12.4. Mobility in soil
N.A.
- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6. Endocrine disrupting properties
No endocrine disruptor substances present in concentration $\geq 0.1\%$
- 12.7. Other adverse effects
None

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

- 14.1. UN number or ID number
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name
N.A.
- 14.3. Transport hazard class(es)
N.A.
- 14.4. Packing group
N.A.

Safety Data Sheet

ERFURT AquaTec Grundierung

- 14.5. Environmental hazards
N.A.
- 14.6. Special precautions for user
N.A.
- 14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
 - Dir. 98/24/EC (Risks related to chemical agents at work)
 - Dir. 2000/39/EC (Occupational exposure limit values)
 - Regulation (EC) n. 1907/2006 (REACH)
 - Regulation (EC) n. 1272/2008 (CLP)
 - Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
 - Regulation (EU) n. 2020/878
 - Regulation (EU) n. 286/2011 (ATP 2 CLP)
 - Regulation (EU) n. 618/2012 (ATP 3 CLP)
 - Regulation (EU) n. 487/2013 (ATP 4 CLP)
 - Regulation (EU) n. 944/2013 (ATP 5 CLP)
 - Regulation (EU) n. 605/2014 (ATP 6 CLP)
 - Regulation (EU) n. 2015/1221 (ATP 7 CLP)
 - Regulation (EU) n. 2016/918 (ATP 8 CLP)
 - Regulation (EU) n. 2016/1179 (ATP 9 CLP)
 - Regulation (EU) n. 2017/776 (ATP 10 CLP)
 - Regulation (EU) n. 2018/669 (ATP 11 CLP)
 - Regulation (EU) n. 2018/1480 (ATP 13 CLP)
 - Regulation (EU) n. 2019/521 (ATP 12 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

- Directive 2012/18/EU (Seveso III)
- Regulation (EC) nr 648/2004 (detergents).
- Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out:

None

Water hazard class :

NWG not hazardous for water according to classification AwSV, Annex 1 (5.2)

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

Safety Data Sheet

ERFURT AquaTec Grundierung

H314 Causes severe skin burns and eye damage.
 H317 May cause an allergic skin reaction.
 H331 Toxic if inhaled.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H330 Fatal if inhaled.
 H318 Causes serious eye damage.
 H315 Causes skin irritation.
 H411 Toxic to aquatic life with long lasting effects.
 H310 Fatal in contact with skin.
 H301 Toxic if swallowed.
 H319 Causes serious eye irritation.

Hazard class and hazard category	Code	Description
Acute Tox. 2	3.1/2/Dermal	Acute toxicity (dermal), Category 2
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Corr. 1C	3.2/1C	Skin corrosion, Category 1C
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1,1A,1B	3.4.2/1-1A-1B	Skin Sensitisation, Category 1,1A,1B
Skin Sens. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
 Commission of the European Communities
 SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
 Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ATE: Acute Toxicity Estimate
 ATEmix: Acute toxicity Estimate (Mixtures)
 CAS: Chemical Abstracts Service (division of the American Chemical Society).
 CLP: Classification, Labeling, Packaging.
 DNEL: Derived No Effect Level.

Safety Data Sheet

ERFURT AquaTec Grundierung

EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.