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35799 Merenberg

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

### 1.1 Product identifier

**Aqualine feuchte Bodentücher**

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

#### 1.2.1 Relevant uses

Cleaning cloth

#### 1.2.2 Uses advised against

None known.

### 1.3 Details of the supplier of the safety data sheet

**Company** a&n&a GmbH & Co. KG  
Benzstr. 12  
35799 Merenberg / GERMANY  
Phone +49 (0)6471 / 50 99 0  
Fax +49 (0)6471 / 50 99 50  
Homepage [www.ana-aqualine.de](http://www.ana-aqualine.de)  
E-mail [info@ana-aqualine.de](mailto:info@ana-aqualine.de)

#### Address enquiries to

**Technical information** [info@ana-aqualine.de](mailto:info@ana-aqualine.de)

**Safety Data Sheet** [sdb@chemiebuero.de](mailto:sdb@chemiebuero.de)

### 1.4 Emergency telephone number

**Advisory body** +49 (0)89-19240 (24h) (English)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

No classification.

### 2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

#### Hazard pictograms

**Hazard statements** none

**Special labelling** EUH210 Safety data sheet available on request.

Contains: 2-Methyl-2H-isothiazolin-3-one, 1,2-benzisothiazol-3(2H)-one. EUH208 May produce an allergic reaction.

**Cleaner, 648/2004/CE, contains:** < 5% non-ionic surfactants  
preservatives METHYLISOTHIAZOLINONE  
preservatives BENZISOTHIAZOLINONE  
perfumes CITRAL  
perfumes LIMONENE  
perfumes

### 2.3 Other hazards

**Human health dangers** Frequent persistent contact with the skin can cause skin irritation.  
Contains no ingredients with endocrine-disrupting properties.

**Environmental hazards** Does not contain any PBT or vPvB substances.

**Other hazards** Further hazards were not determined with the current level of knowledge.

## SECTION 3: Composition / Information on ingredients

### 3.1 Substances

not applicable

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### 3.2 Mixtures

The product is a mixture.

Range [%]	Substance
<= 0.005	1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6 GHS/CLP: Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1: H317 - Aquatic Acute 1: H400, M-Factor (acute): 1 SCL [%]: >=0.05: Skin Sens. 1: H317
< 0.0015	2-Methyl-2H-isothiazolin-3-one CAS: 2682-20-4, EINECS/ELINCS: 220-239-6, EU-INDEX: 613-326-00-9 GHS/CLP: Acute Tox. 3: H301 H311 - Acute Tox. 2: H330 - Skin Corr. 1B: H314 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - EUH071, M-Factor (acute): 10, M-Factor (chronic): 1 SCL [%]: >=0.0015: Skin Sens. 1A: H317

#### Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.  
For full text of H-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information	none
Inhalation	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
Skin contact	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Seek medical advice. Rinse out mouth and give plenty of water to drink. Do not induce vomiting.

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

Allergic reactions

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

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media	Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.
Extinguishing media that must not be used	Full water jet

### 5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

### 5.3 Advice for firefighters

Use self-contained breathing apparatus.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No special measures necessary.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up mechanically.

Dispose of absorbed material in accordance within the regulations.

### 6.4 Reference to other sections

See SECTION 8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

The normal safety precautions for handling chemicals must be observed.

Do not eat, drink, smoke or take drugs at work.

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

Prevent penetration into the ground.

Do not store together with food and animal food/diet.

Keep container tightly closed.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

#### Ingredients with occupational exposure limits to be monitored (GB)

not applicable

### 8.2 Exposure controls

#### Additional advice on system design

Ensure adequate ventilation on workstation.

Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.

#### Eye protection

safety glasses (EN 166:2001)

#### Hand protection

0.4mm Nitrile rubber, >120 min (EN 374-1/-2/-3).

The details concerned are recommendations. Please contact the glove supplier for further information.

#### Skin protection

Protective clothing (EN 340)

#### Other

Avoid contact with eyes and skin.

Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.

#### Respiratory protection

Not required under normal conditions.

#### Thermal hazards

none

#### Delimitation and monitoring of the environmental exposition

Protect the environment by applying appropriate control measures to prevent or limit emissions.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	liquid, on inert carrier
Color	colourless
Odor	characteristic
Odour threshold	not applicable
pH-value	5.5 - 7.5 (Liquid)
pH-value [1%]	not determined
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm <sup>3</sup> ]	not determined
Relative density	not determined
Bulk density [kg/m <sup>3</sup> ]	not applicable
Solubility in water	completely miscible
Solubility other solvents	not applicable
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	not applicable
Relative vapour density	not applicable
Evaporation speed	not applicable
Melting point [°C]	not determined
Auto-ignition temperature	not applicable
Decomposition temperature [°C]	not determined
Particle characteristics	not applicable

### 9.2 Other information

none

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reactions known.

### 10.2 Chemical stability

The product is stable under standard conditions.

### 10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

### 10.4 Conditions to avoid

Strong heating.

### 10.5 Incompatible materials

Oxidizing agent



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#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

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## SECTION 11: Toxicological information

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

#### Acute oral toxicity

Product
ATE-mix, oral, > 2000 mg/kg
Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, oral, Rat, 670-784 mg/kg (EPA Guideline)
LD50, oral, Rat, 1020 mg/kg
NOAEL, oral, Rat, 10 mg/kg/90d (OECD 408)
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LD50, oral, Rat, 120 mg/kg

#### Acute dermal toxicity

Product
ATE-mix, dermal, > 2000 mg/kg
Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, dermal, Rat, > 5000 mg/kg (EPA OPP 81-2)
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, dermal, Rabbit, 242 mg/kg

#### Acute inhalational toxicity

Product
ATE-mix, inhalation (vapour ), > 20 mg/l 4h
Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, inhalative, Rat, 340 µg/m <sup>3</sup> (4h)

#### Serious eye damage/irritation

Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Eye, Rabbit, EPA OPP 81-4 (100 mg), Causes serious eye damage.
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
Eye, corrosive

#### Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
dermal, irritant
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
dermal, corrosive

**Respiratory or skin sensitisation** Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
dermal, sensitising
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
dermal, sensitising

**Specific target organ toxicity — single exposure** Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

**Specific target organ toxicity — repeated exposure** Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
NOAEL, oral, Rat, 69 mg/kg bw/day (OECD 407), The effects observed are not sufficient for classification.

**Mutagenicity** Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
in vivo, negativ
in vitro, negativ
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
no adverse effect observed

**Reproduction toxicity** Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
NOAEL, oral, Rat, 112 mg/kg bw/day (subchronic), no adverse effect observed, Effect on fertility,
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
NOAEL, oral, Rabbit, 30 mg/kg bw/d (Effect on developmental toxicity), no adverse effect observed
NOAEL, oral, Rat, 69 mg/kg bw/d (Effect on fertility), no adverse effect observed

**Carcinogenicity** Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.  
Toxicological data of complete product are not available.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
NOAEL, dermal, mouse, 400 mg/kg bw/day, no adverse effect observed
NOAEL, oral, Rat, 3.1 mg/kg bw/day, no adverse effect observed

**Aspiration hazard** Does not contain a relevant substance that meets the classification criteria.  
Based on the available information, the classification criteria are not fulfilled.

**General remarks**

The determination of properties hazardous to health does not take the propellant or carrier material into account.

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## 11.2 Information on other hazards

**Endocrine disrupting properties** Contains no ingredients with endocrine-disrupting properties.

**Other information**

## SECTION 12: Ecological information

### 12.1 Toxicity

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), Oncorhynchus mykiss, 1.4 mg/l (OECD 203)
LC50, (96h), Oncorhynchus mykiss, 0.8 mg/l
EC50, (72h), Pseudokirchneriella subcapitata, 0.11 mg/l (OECD 201)
EC50, (48h), Daphnia magna, 1.05 mg/l (OECD 202)
EC50, (48h), Daphnia magna, 4.4 mg/l
EC10, (72h), Pseudokirchneriella subcapitata, 0.04 mg/l (OECD 201)
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, (48h), Invertebrates, 0.93 - 2.98 mg/L
LC50, (96h), Oncorhynchus mykiss, 4.77 mg/l
EC50, (96h), Algae, 72.5 - 103 µg/L

### 12.2 Persistence and degradability

**Behaviour in environment compartments** No information available.

**Behaviour in sewage plant** No information available.

**Biological degradability** The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

### 12.4 Mobility in soil

not determined

### 12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

### 12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

### 12.7 Other adverse effects

None known.



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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

#### Product

Coordinate disposal with the disposal contractor/authorities if necessary.

#### Waste no. (recommended)

200130 detergents other than those mentioned in 20 01 29

#### Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.

#### Waste no. (recommended)

150102

## SECTION 14: Transport information

### 14.1 UN number or ID number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

### 14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

### 14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

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#### 14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

#### 14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

#### 14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

#### 14.7 Maritime transport in bulk according to IMO instruments

not applicable

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**EEC-REGULATIONS** 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014

**TRANSPORT-REGULATIONS** ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2022)

**NATIONAL REGULATIONS (GB):** EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.

- Observe employment restrictions for people no

- VOC (2010/75/CE) < 1%

#### 15.2 Chemical safety assessment

not applicable

## SECTION 16: Other information

### 16.1 Hazard statements (SECTION 3)

H318 Causes serious eye damage.  
H315 Causes skin irritation.  
H302 Harmful if swallowed.  
EUH071 Corrosive to the respiratory tract.  
H410 Very toxic to aquatic life with long lasting effects.  
H400 Very toxic to aquatic life.  
H317 May cause an allergic skin reaction.  
H314 Causes severe skin burns and eye damage.  
H330 Fatal if inhaled.  
H301+H311 Toxic if swallowed or in contact with skin.

### 16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ATE = acute toxicity estimate  
CAS = Chemical Abstracts Service  
CLP = Classification, Labelling and Packaging  
DMEL = Derived Minimum Effect Level  
DNEL = Derived No Effect Level  
EC50 = Median effective concentration  
ECB = European Chemicals Bureau  
EEC = European Economic Community  
EINECS = European Inventory of Existing Commercial Chemical Substances  
EL50 = Median effective loading  
ELINCS = European List of Notified Chemical Substances  
EmS = Emergency Schedules  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IC50 = Inhibition concentration, 50%  
IMDG = International Maritime Code for Dangerous Goods  
IUCLID = International Uniform Chemical Information Database  
IVIS = In vitro irritation score  
LC50 = Lethal concentration, 50%  
LD50 = Median lethal dose  
LC0 = lethal concentration, 0%  
LOAEL = lowest-observed-adverse-effect level  
LL50 = Median lethal loading  
LQ = Limited Quantities  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
NOAEL = No Observed Adverse Effect Level  
NOEC = No Observed Effect Concentration  
PBT = Persistent, Bioaccumulative and Toxic substance  
PNEC = Predicted No-Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
STP = Sewage Treatment Plant  
TLV@/TWA = Threshold limit value – time-weighted average  
TLV@STEL = Threshold limit value – short-time exposure limit  
VOC = Volatile Organic Compounds  
vPvB = very Persistent and very Bioaccumulative

### 16.3 Other information

#### Classification procedure

#### Modified position

SECTION 2 been added: 2-Methyl-2H-isothiazolin-3-one  
SECTION 2 been added: EUH210 Safety data sheet available on request.  
SECTION 2 deleted: EUH208 May produce an allergic reaction.  
SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.  
SECTION 4 been added: Allergic reactions



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