



a&n&a GmbH & Co. KG
35799 Merenberg

Date printed 27.11.2024, Revision 27.11.2024

Version 3.0. Supersedes version: 2.0

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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
E-mail info@ana-aqualine.de

Address enquiries to

Technical information

info@ana-aqualine.de

Safety Data Sheet

sdb@chemiebuero.de (No dispatch of safety data sheets)
Safety data sheets are available from the supplier.

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 (EC) No 1272/2008]

No classification.

2.2 Label elements

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

Hazard pictograms

none

Signal word

none

Hazard statements

none

Precautionary statements

none

Special labelling

EUH210 Safety data sheet available on request.

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

Cleaner, 648/2004/CE, contains:

< 5% non-ionic surfactants
preservatives BENZISOTHIAZOLINONE
preservatives METHYLISOTHIAZOLINONE
perfumes LIMONENE
perfumes CITRAL
perfumes

2.3 Other hazards

Human health dangers

Frequent persistent contact with the skin can cause skin irritation.
The substance/mixture 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.

Environmental hazards

This substance/mixture 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 substance/mixture 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.

Other hazards

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



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SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
< 0,036	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. 2: H330 - Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M-Factor (acute): 1, M-Factor (chronic): 1 SCL [%]: ≥ 0,036: Skin Sens. 1A: 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. 1: H317

Comment on component parts

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.
If skin irritation or rash occurs: Get medical advice/attention.

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.
Forward this sheet to your doctor.

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

Wear suitable protective equipment. For personal protection see SECTION 8.

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.
Avoid contact with eyes and skin. Use personal protective equipment.

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 EU (2004/37/EG)

not relevant

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
Form	liquid, on inert carrier
Color	colourless
Odor	characteristic
Odour threshold	not relevant
pH-value	5,5 - 7,5 (Liquid)
pH-value [1%]	No information available.
Boiling point or initial boiling point and boiling range [°C]	not applicable
Flash point [°C]	not applicable
Flammability	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/cm ³]	No information available.
Relative density	No information available.
Bulk density [kg/m ³]	not applicable
Solubility in water	completely miscible
Solubility other solvents	not relevant
Partition coefficient n-octanol/water (log value)	not applicable
Kinematic viscosity	not applicable
Relative vapour density	not relevant
Melting point [°C]	No information available.
Auto-ignition temperature [°C]	not applicable
Decomposition temperature [°C]	not applicable
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

10.6 Hazardous decomposition products

No decomposition if used and stored according to specifications.

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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
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LD50, oral, Rat, 120 mg/kg
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, oral, Rat, 490 - 670 mg/kg bw
NOAEL, oral, Rat, 69 - 150 mg/kg bw/day
ATE, oral, 450 mg/kg

Acute dermal toxicity

Product
ATE-mix, dermal, > 2000 mg/kg
Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, dermal, Rabbit, 242 mg/kg
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD10, dermal, Rat, 2000 mg/kg bw

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 ³ (4h)
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
ATE, inhalativ (mist), 0,21 mg/L

Serious eye damage/irritation Based on the available information, the classification criteria are not fulfilled.

Substance
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.

Substance
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.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
dermal, sensitising

Specific target organ toxicity — single exposure Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are not fulfilled.



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Mutagenicity Based on the available information, the classification criteria are not fulfilled.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
no adverse effect observed

Reproduction toxicity Based on the available information, the classification criteria are not fulfilled.

- Fertility

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
NOAEL, oral, Rat, 69 mg/kg bw/d, no adverse effect observed

- Development

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
NOAEL, oral, Rabbit, 30 mg/kg bw/d, no adverse effect observed

Carcinogenicity Based on the available information, the classification criteria are not fulfilled.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
NOAEL, oral, Rat, 3,1 mg/kg bw/day, no adverse effect observed
NOAEL, dermal, mouse, 400 mg/kg bw/day, no adverse effect observed

Aspiration hazard Based on the available information, the classification criteria are not fulfilled.

General remarks

Toxicological data of complete product are not available.

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

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

The substance/mixture 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.

11.2.2 Other information

none

SECTION 12: Ecological information

12.1 Toxicity

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, (96h), Oncorhynchus mykiss, 4,77 mg/l
LC50, (48h), Invertebrates, 0,93 - 2,98 mg/L
EC50, (96h), Algae, 72,5 - 103 µg/L
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), Fish, 2.15 - 22 mg/L
EC50, (48h), Invertebrates, 2.9 - 2.94 mg/L
EC50, (72h), Algae, 70 - 150 µg/L

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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.

Substance
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
OECD 301 A, The product is not readily biodegradable.
OECD 301 B, The product is not readily biodegradable.
OECD 301 D, The product is not readily biodegradable.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
63% (4d), OECD 301 C
85% (63d), OECD 301 C

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
BCF, 6,95, OECD 305
log Kow, 0,7, OECD 117

12.4 Mobility in soil

No information available.

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

The substance/mixture 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

None known.

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



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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

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

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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/EG (2000/532/EC); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707
- Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- Annex XIV (REACH)	According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq 0.1\%$ that are subject to authorisation.
- Annex XVII (REACH)	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product contains $\geq 0.1\%$ of substances with the following restrictions. 75 According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions.
TRANSPORT-REGULATIONS	ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2024)
NATIONAL REGULATIONS (EU):	
- 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)

H301+H311 Toxic if swallowed or in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H315 Causes skin irritation.
H302 Harmful if swallowed.
H330 Fatal if inhaled.



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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

This document does not comply with Regulation (EC) No 1907/2006, article 31 (5) and may be used for internal purposes only.

Classification procedure

Modified position 2.3, 11.2, 12.6, 15.1

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