

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 1 of 10

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

1.1. Product identifier

Renuwell Swiss Cleaner

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

Use of the substance/mixture

Laundry detergents, Cleaning agent & additives.
Consumer use. professional users.

Uses advised against

Only use for the intended purpose.

1.3. Details of the supplier of the safety data sheet

Manufacturer

| | | |
|---------------|---------------------|---------------------------|
| Company name: | Martec Handels AG | |
| Street: | Samstagerstrasse 45 | |
| Place: | CH-8832 Wollerau | |
| Telephone: | +800 1999 8832 | Telefax: +41 44 783 95 49 |
| E-mail: | info@martec.swiss | |
| Internet: | www.martec.swiss | |

Supplier

| | |
|---------------|------------------------------|
| Company name: | Martec UK Trading LTD |
| Street: | 4-6 Swaby's Yard, Walkergate |
| Place: | GB-HU17 9BZ Beverley |
| E-mail: | info@martec.swiss |
| Internet: | www.martec.swiss |

1.4. Emergency telephone number:

NHS 111 / NHS 24. NPIS-Hotline: 0344 892 0111 (for use only by healthcare professionals). Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

Hazard statements

| | |
|--------|---|
| EUH208 | Contains BENZISOTHIAZOLINONE. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request. |

2.3. Other hazards

The components in this formulation do not meet the criteria for classification as PBT or vPvB.
This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.
This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 2 of 10

Relevant ingredients

| CAS No | Chemical name | | Quantity |
|-----------|--|--------------|----------|
| | EC No | Index No | |
| | Classification (GB CLP Regulation) | | |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (BENZISOTHIAZOLINONE) | | < 0.05 % |
| | 220-120-9 | 613-088-00-6 | |
| | Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H302 H315 H318 H317 H400 H411 | | |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|-----------|---|--|----------|
| | Specific Conc. Limits, M-factors and ATE | | |
| 2634-33-5 | 220-120-9 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (BENZISOTHIAZOLINONE) | < 0.05 % |
| | oral: ATE 450 mg/kg Skin Sens. 1; H317: >= 0,05 - 100 | | |

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % anionic surfactants, perfumes, preservation agents (Sodium Pyrithione, Benzisothiazolinone).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection!
 Get medical advice/attention if you feel unwell.

After inhalation

Remove person to fresh air and keep comfortable for breathing.
 Seek medical attention if problems persist.

After contact with skin

Change contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.
 In case of skin irritation, consult a physician.

After contact with eyes

Remove contact lenses. Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
 Rinse mouth, spit liquid again. Do NOT induce vomiting.

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

May be harmful if inhaled.

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

Water spray jet. Carbon dioxide (CO2). alcohol resistant foam. Dry extinguishing powder.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO2).

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 3 of 10

Toxic fumes may be released.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Fight fire from a remote location Wear personal protection equipment.

Additional information

Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

Use water spray jet to protect personnel and to cool endangered containers. Suppress vapors with a water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation.

Avoid contact with skin, eyes and clothes. Do not breathe gas/fumes/vapour/spray. Wear personal protection equipment.

For emergency responders

Wear personal protection equipment. Evacuate non-essential personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

In case of leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

Other information

Provide adequate ventilation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Do not inhale vapors.

Advice on general occupational hygiene

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container. Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Store separately from foodstuff.

7.3. Specific end use(s)

Laundry detergents, Cleaning agent & additives.

Consumer use. professional users.

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 4 of 10

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|------------|---|-----|-------------------|-----------|-----------|--------|
| 34590-94-8 | (2-methoxymethylethoxy) propanol | 50 | 308 | | TWA (8 h) | WEL |
| 57-55-6 | Propane-1,2-diol, total vapour and particulates | 150 | 474 | | TWA (8 h) | WEL |

Additional advice on limit values

Currently there are no further exposure limits available.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Protect skin by using skin protective cream. Wear suitable gloves.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0,5mm

penetration time (maximum wearing period): >480 min

Skin protection

Wear protective gloves/protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-------------------------------|
| Physical state: | liquid |
| Colour: | colourless |
| Odour: | characteristic |
| Melting point/freezing point: | < 0 °C |
| Boiling point or initial boiling point and boiling range: | No data available |
| Flammability: | No data available |
| Lower explosion limits: | No data available |
| Upper explosion limits: | No data available |
| Flash point: | No data available |
| Auto-ignition temperature: | Not combustible. |
| Decomposition temperature: | No data available |
| pH-Value: | 7,5 |
| Viscosity / kinematic: | No data available |
| Water solubility: | The product is water-soluble. |

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 5 of 10

Solubility in other solvents

No data available

Partition coefficient n-octanol/water:

No data available

Vapour pressure:

No data available

Vapour pressure:

No data available

Density:

0,97 – 0,98 g/cm³

Bulk density:

not applicable

Relative vapour density:

No data available

Particle characteristics:

not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not explosiv.

Self-ignition temperature

Solid:

No data available

Oxidizing properties

No data available

Other safety characteristics

Evaporation rate:

No data available

Solvent separation test:

No data available

Solvent content:

No data available

Sublimation point:

No data available

Softening point:

No data available

Viscosity / dynamic:

No data available

Flow time:

No data available

Further Information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactivity under regular conditions.

10.2. Chemical stability

The product is stable under regular conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions to be expected if used properly.

Vapours can form explosive mixtures with air.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on hazard classes

Acute toxicity

Based on available data, the classification criteria are not met.

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 6 of 10

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No | Chemical name | | | | |
|-----------|--|---------------|---------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (BENZISOTHIAZOLINONE) | | | | |
| | oral | ATE 450 mg/kg | | | |

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Contains BENZISOTHIAZOLINONE. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 7 of 10

Disposal recommendations

Do not allow to enter into surface water or drains.
 Disposal according to official regulations.
 Consult the local waste disposal expert about waste disposal. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Contaminated packaging

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

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No special precautions known.

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

EU regulatory information

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Regulation (EC) No. 2024/590 on substances that lead to the depletion of the ozone layer: not applicable
 Regulation (EC) No. 648/2004 [Detergents regulation]: applicable
 Regulation (EC) No 2019/1021 on persistent organic pollutants: not applicable
 Regulation (EU) No 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals: This mixture does not contain any chemicals listed in Annex I that are subject to the export notification procedure.

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 8 of 10

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

3 - highly hazardous to water

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Version 1,00 - 26.11.2025 - first creation

Version 1,01 - 20.02.2026 - General update

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 9 of 10

Abbreviations and acronyms

Acute Tox. 4: Acute toxicity, hazard category 4
Skin Irrit. 2: Skin irritation, hazard category 2
Eye Dam. 1: Serious eye damage, hazard category 1
Skin Sens. 1: Skin sensitisation, hazard category 1
Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
AwSV: Ordinance on Installations for Handling Substances Hazardous to Water
BlmSchV (Fed.Imm.Prot.Act): Directive on the Implementation of the Federal Immission Protection Act
CAS: Chemical Abstracts Service
DIN: Norm of the Deutsche Institut für Normung (German Institute for Standardization)
EC: Effective Concentration
EG: European Community (Europäische Gemeinschaft)
EN: European Norm
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
ISO: Norm of the International Standards Organization
CLP: Classification, Labeling, Packaging
IUCLID: International Uniform Chemical Information Database
LC: Lethal concentration
LD: Lethal dose
log Kow: Octanol/water partition coefficient
MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships
OECD: Organisation for Economic Co-operation and Development
PBT: Persistent, bio-cumulative, toxic
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
TRGS: Technische Regeln für Gefahrstoffe
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent and very bio-cumulative
VwVwS: Administrative Regulation for Water Pollutants
WGK: German Water Hazard Class
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
TLV: Threshold Limiting Value
STOT: Specific Target Organ Toxicity

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |
| EUH208 | Contains BENZISOTHIAZOLINONE. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request. |

Further Information

The information given in this safety data sheet is to describe the product's safety regulations. It is not for

Safety Data Sheet

according to UK REACH Regulation

Renuwell Swiss Cleaner

Revision: 20.02.2026

Product code: martec-005

Page 10 of 10

guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was generated upon information of pre-suppliers by:

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(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)