



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006
(REACH), Annex II, as implemented by Regulation
(EU) no 2020/878

Version number: 1.0
Issued: 2025-10-22

Clean Water Tabs

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

1.1. Product identifier

Trade name

Clean Water Tabs

UFI code

N480-E087-0002-WMDE

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

Relevant identified uses

Disinfectant

1.3. Details of the supplier of the safety data sheet

Supplier

AMBIO AS

Address

Fabrikkveien 10
4033 Stavanger
Norway

Telephone

+47 51 44 64 00

Email

water@ambio.no

Web site

<https://www.ambio.no>

1.4. Emergency telephone number

In urgent situations: Call 113 and request the poison information centre / Poison Center +47 22 59 13 00

Available outside office hours

Yes

Clean Water Tabs

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Eye irritation, hazard category 2

Specific Target Organ Toxicity — Single exposure, hazard category 3

Hazardous to the aquatic environment — Acute hazard category 1

Hazardous to the aquatic environment — Chronic hazard category 1

Hazard statements

H319, H335, H400, H410

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H410 Very toxic to aquatic life with long lasting effects.

Supplemental hazard statements

EUH031 Contact with acids liberates toxic gas.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container to approved waste facility.

More information

Hazardous substances: Troclosen sodium, dihydrate 50-100%

UFI: N480-E087-0002-WMDE

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2.3. Other hazards

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Specific concentration limits ATE	Note
Troclosene sodium, dihydrate	51580-86-0 220-767-7 01-2119489371-33-xxxx 613-030-01-7	50 - 100%	Acute Tox. 4 - oral, Eye Irrit. 2, STOT SE 3 - resp. tract irrit., Aquatic Acute 1, Aquatic Chronic 1	H302, H319, H335, H400, H410, EUH031 - -		-

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Description of first aid measures

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

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Ingestion

Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Immediately call a doctor.

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

Inhalation

May cause respiratory irritation.

Eye contact

Causes serious eye irritation.

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

CO₂, extinguishing powder or dispersed water jet. Larger fires must be fought with dispersed water jets.

5.2. Special hazards arising from the substance or mixture

Toxic gases are generated when heated.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

Other

Other

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (refer to section 8). Keep unauthorized persons away from the spill.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

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6.4. Reference to other sections

SECTION 7: Handling and storage
SECTION 8: Exposure controls/personal protection
SECTION 13: Disposal considerations

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

When used properly, special measures are not necessary. Wear personal protection equipment (refer to section 8).

7.2. Conditions for safe storage, including any incompatibilities

Keep/Store only in original container. Store in a cool dry place. Keep container tightly closed.

Incompatible materials : Acids . Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

This product should only be used for the uses described in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

No data is available for the product itself. No limit values are stated in the Regulations on amendments to the regulations on action values and limit values for physical and chemical factors in the working environment as well as infection risk groups for biological factors (regulations on action and limit values).

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Personal Protective Equipment Symbols



Eye / face protection

Safety glasses with side-shields conforming to EN166

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Hand protection

Wear protective gloves.

Suitable material: NR (natural rubber, Natural latex)

Glove thickness : $\geq 0,5$ mm

The exact break through time can be obtained from the protective glove producer and this has to be observed.

Other skin protection

Remove and wash contaminated clothing before re-use. Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection

Wear dust masks in dusty areas.

Filters : Dust filter P2 (for fine dust).

Environmental exposure controls

It must be ensured that local emission regulations are complied with.

Very toxic to aquatic life with long lasting effects.

Other

Wash hands before breaks and before smoking, eating or drinking.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Tabs / Tablets

Colour

white . Solid form

Odour

Chlorine

Melting point / freezing point

No data available

Boiling point or initial boiling point and boiling range

No data available

Flammability

No data available

Lower and upper explosion limit

No data available

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Flash point

No data available

Auto-ignition temperature

No data available

Decomposition temperature

No data available

pH

~ 5.6

Method

pH in solution (3 g/l, 20°C)

Kinematic viscosity

No data available

Solubility

No data available

Water solubility

easily soluble

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density

1.97 g/cm³

Method

25°C

Relative vapour density

No data available

VOC %

0 %

Particle characteristics

No data available

9.2. Other information

No data available

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SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions specified in section 7.

10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Acids , oxidising substances , Reducing agent .

10.6. Hazardous decomposition products

Chlorine , Hydrogen chloride (HCl) .

SECTION 11: Toxicological information

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

Acute toxicity

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

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals
ATEmix -	ATE	2196 mg/kg	oral	Rat

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

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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

May cause respiratory irritation.

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 mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Very toxic to aquatic life with long lasting effects.

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Troclosene sodium, dihydrate 51580-86-0 / 220-767-7	LC90	>0,30 mg/l	96 h	Danio rerio (zebrafish)
Troclosene sodium, dihydrate 51580-86-0 / 220-767-7	NOEC	0,30 mg/l	96 h	Danio rerio
Troclosene sodium, dihydrate 51580-86-0 / 220-767-7	LC50	>0,30 mg/l	96 h	Danio rerio (zebrafish)

Acute algae toxicity

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Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Troclosene sodium, dihydrate 51580-86-0 / 220-767-7	EC90	0,53 mg/l	72 h	Skeletonema sp
Troclosene sodium, dihydrate 51580-86-0 / 220-767-7	NOEC	0,22 mg/l	72 h	Skeletonema sp
Troclosene sodium, dihydrate 51580-86-0 / 220-767-7	EC50	0,40 mg/l	72 h	Skeletonema sp

Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Troclosene sodium, dihydrate 51580-86-0 / 220-767-7	LC50	3,30 mg/l	48 h	Acartia tonsa
Troclosene sodium, dihydrate 51580-86-0 / 220-767-7	LC90	4,60 mg/l	48 h	Acartia tonsa

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

Mobility

Very soluble in: Aquatic

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

The product should not be allowed to enter drains, water courses or the soil. Very toxic to aquatic life. Water hazard class : 2 (D).



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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of contents/container to an approved waste disposal plant. Confirm disposal procedures with environmental engineer and local regulations.

Avoid discharge to lakes, streams, sewers, etc.

Packaging

Packaging containing residues of the product must be disposed of similarly to the product.

Waste code	Waste description
20 01 29*	detergents containing hazardous substances
15 01 10*	packaging containing residues of or contaminated by hazardous substances

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

3077

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Trosclosene sodium, dihydrate)

IMDG proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Trosclosene sodium, dihydrate)

IATA proper shipping name

Environmentally hazardous substance, solid, n.o.s. (Trosclosene sodium, dihydrate)

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14.3. Transport hazard class(es)

Label

ADR/RID/ADN



9 Environmental hazard

IMDG



9 Environmental hazard

IATA



9 Environmental hazard

ADR / RID Class

9

ADR / RID Classification code

M7

ADR / RID hazard identification number

90

IMDG Class

9 (410)

IATA Class

9

ADN Class

9

ADN Class Code

M7

14.4. Packing group

ADR / RID / ADN: III

IMDG: III

IATA: III

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14.5. Environmental hazards

Environmental hazards

ADR/RID/ADN: Hazardous for the environment

IMDG Marine Pollutant

Yes

14.6. Special precautions for user

Special precautions for user

Tunnel restriction code: -

Transport category: 3 (E)

IMDG EmS

F-A, S-F

14.7. Maritime transport in bulk according to IMO instruments

IBC Instruction: IBC08

Other

Not applicable

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EU) No 528/2012 (Biocidal products)

National regulations

Regulation of 1 June 2004 No. 930 on recycling and treatment of waste (the Waste Regulations).

Regulation of 19 May 2015 No. 541 on the declaration of chemicals to the Product Register (the Declaration Regulations).

Regulation of 16 June 2012 No. 622 on the classification, labelling and packaging of substances and mixtures (the CLP Regulation).

Regulation of 30 May 2008 No. 516 on the registration, evaluation, authorisation and restriction of chemicals (the REACH Regulation).

Other regulations, limitations and legal regulations

Product registration number: 629356

If the product is imported or produced in more than 100 kg/year it is subject to registration in the Product Register because it is classified as hazardous.

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15.2. Chemical safety assessment

No

SECTION 16: Other information

Changes to previous revision

New SDS

Abbreviations

ADN: European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE: Acute Toxicity Estimate

BCF: Bioconcentration Factor

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DNEL: Derived No Effect Level

EUH-statement: CLP-specific Hazard statement

EWC: European Waste Catalogue

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

PBT: Persistent, Bioaccumulative and Toxic

PNEC: Predicted No Effect Concentration

SCL: Specific concentration limit

SVHC: Substances of Very High Concern

STOT: Specific Target Organ Toxicity

UN: United Nations

vPvB: Very Persistent and Very Bioaccumulative

Evaluation methods for classification

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

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Phrase meaning

Eye Irrit. 2 - Eye irritation, hazard category 2

STOT SE 3 - Specific Target Organ Toxicity — Single exposure, hazard category 3

Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1

Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH031 Contact with acids liberates toxic gas.

Additional information

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products. It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.