

## SAFETY DATA SHEET

## Klor Week Tab

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

## 1.1. Product identifier

## Trade name

Klor Week Tab

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

## Relevant identified uses of the substance or mixture

Disinfectant for water

## Uses advised against

None known.

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

## Company and address

**Swim & Fun Scandinavia ApS**

Ledreborg Allé 128K

4000 Roskilde

Denmark

+45 7022 6856

## E-mail

info@swim-fun.com

## Revision

01/03/2023

## SDS Version

2.0

## Date of previous version

31/01/2023 (1.0)

## 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Acute Tox. 4; H302, Harmful if swallowed.

Eye Irrit. 2; H319, Causes serious eye irritation.

STOT SE 3; H335, May cause respiratory irritation.

Aquatic Acute 1; H400, Very toxic to aquatic life.

Aquatic Chronic 1; H410, Very toxic to aquatic life with long lasting effects.

## 2.2. Label elements

## Hazard pictogram(s)



## Signal word

Warning

## Hazard statement(s)

Harmful if swallowed. (H302)

Causes serious eye irritation. (H319)

May cause respiratory irritation. (H335)

Very toxic to aquatic life with long lasting effects. (H410)

## Safety statement(s)

## General

If medical advice is needed, have product container or label at hand. (P101)

Keep out of reach of children. (P102)

▼ **Prevention**

Use only outdoors or in a well-ventilated area. (P271)

▼ **Response**

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

Collect spillage. (P391)

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301+P330+P331)

▼ **Storage**

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**Disposal**

Dispose of contents/container in accordance with local regulation. (P501)

**Hazardous substances**

symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriion

▼ **Additional labelling**

EUH031, Contact with acids liberates toxic gas.

EUH206, Warning! Do not use together with other products. May release dangerous gases (chlorine).

Active substance(s):

symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriion (96 g/100g)

**2.3. Other hazards**

**Additional warnings**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

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) 2018/605.

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

Not applicable. This product is a mixture.

**3.2. ▼ Mixtures**

Product/substance	Identifiers	% w/w	Classification	Note
symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriion	CAS No.: 87-90-1 EC No.: 201-782-8 UK-REACH: Index No.: 613-031-00-5	95-100%	EUH031 Ox. Sol. 2, H272 Acute Tox. 4, H302 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
natriumhydrogencarbonat	CAS No.: 144-55-8 EC No.: 205-633-8 UK-REACH: Index No.:	3-5%		

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

▼ **Other information**

[1] European occupational exposure limit.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

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**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with

him/her.

#### Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

#### Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

#### Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit returning mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

#### Burns

Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Halogenated compounds

Nitrogen oxides (NO<sub>x</sub>)

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

### SECTION 6: Accidental release measures

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

No specific requirements.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Minor spills are collected with a cloth. Collection and disposal of the material shall be done with minimum creation of dust. Sweep and collect. Shall be contained in suitable and tightly closed disposal containers.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

No special conditions required.

### Recommended storage material

Always store in containers of the same material as the original container.

### Storage temperature

No specific requirements

### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

## 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Chlorine

Short term exposure limit (15 minutes) (ppm): 0,5

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 1,5

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

#### ▼ DNEL

No data available.

#### ▼ PNEC

No data available.

### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

#### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above).

Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and showers are clearly marked.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

### Individual protection measures, such as personal protective equipment

#### Generally

Use only UKCA marked protective equipment.

#### Respiratory Equipment

Type	Class	Colour	Standards
S/SL	P1	White	EN149



#### Skin protection

No specific requirements.


#### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Vinyl/PVC	-	-	EN374-3, EN388




According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Latex	0.4	-	EN374-2, EN388

Eye protection	
Type	Standards
Safety glasses with side shields.	EN166



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Solid

#### Colour

White

#### Odour / Odour threshold

Characteristic

#### ▼ pH

2.5-4 (water: 10 g/l, 20 °C)

#### ▼ Density (g/cm<sup>3</sup>)

1.9

#### ▼ Kinematic viscosity

No data available

#### ▼ Particle characteristics

No data available

#### Phase changes

#### Melting point/Freezing point (°C)

246,80000000

#### Softening point/range (waxes and pastes) (°C)

Does not apply to solids.

#### ▼ Boiling point (°C)

No data available

#### Vapour pressure

0.002 Pa (20 °C)

#### Relative vapour density

Does not apply to solids.

#### ▼ Decomposition temperature (°C)

No data available

#### Data on fire and explosion hazards

#### ▼ Flash point (°C)

No data available

#### ▼ Flammability (°C)

No data available

#### ▼ Auto-ignition temperature (°C)

No data available

#### ▼ Lower and upper explosion limit (% v/v)

No data available

#### Solubility

#### ▼ Solubility in water

Completely soluble (9.4 g/l)

#### ▼ n-octanol/water coefficient

-1.31

#### Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

### 9.2. Other information

▼ Evaporation rate (n-butylacetate = 100)

No data available

Other physical and chemical parameters

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Contact with acids liberates toxic gas.

Warning! Do not use in combination with other products. May release dangerous gases (chlorine).

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

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

#### ▼ Acute toxicity

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriion
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	406-490 mg/kg ·

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriion
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kg ·

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriion
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	0.54 mg/l (4h) ·

Harmful if swallowed.

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory sensitisation

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

#### 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.

#### 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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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

## 11.2. Information on other hazards

### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

### ▼ Endocrine disrupting properties

Not applicable.

### Other information

None known.

## SECTION 12: Ecological information

### 12.1. ▼ Toxicity

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriol
Species:	Fish
Duration:	21 days
Test:	EC50
Result:	2,600 mg/l ·

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	0,3 mg/l ·

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriol
Species:	Fish
Duration:	48 hours
Test:	EC50
Result:	0.17 mg/l ·

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriol
Species:	Algae
Duration:	72 hours
Test:	ErC50
Result:	>5,000 mg/l ·

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriol
Species:	Algae
Duration:	72 hours
Test:	
Result:	2,700 mg/l ·

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriol
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	0,21 mg/l ·

### 12.2. Persistence and degradability

No data available.

### 12.3. ▼ Bioaccumulative potential

Product/substance	symclosene trichloroisocyanuric acid trichloro-1,3,5-triazinetriol
Test method:	
Potential bioaccumulation:	No data available.
LogPow:	0,9400
BCF:	No data available.
Other information:	

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. ▼ Endocrine disrupting properties

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Not applicable.

#### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

### SECTION 13: Disposal considerations

#### ▼ Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 6 - Acute toxicity

HP 12 - Release of an acute toxic gas

HP 14 - Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

#### EWC code

07 04 04\* Other organic solvents, washing liquids and mother liquors




#### Specific labelling

Not applicable.

#### Contaminated packing

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

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es) Labels: 9 Classification code: M7	14.4 PG*	14.5 Env**	Other information:
ADR	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (symclosen)	Class: 9 Labels: 9 Classification code: M7 	III	Yes	Limited quantities: 5 kg Tunnel restriction code: 3 (-) See below for additional information.
IMDG	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (symclosen)	Class: 9 Labels: 9 Classification code: M7 	III	Yes	Limited quantities: 5 kg EmS: F-A S-F See below for additional information.
IATA	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (symclosen)	Class: 9 Labels: 9 Classification code: M7 	III	Yes	See below for additional information.

\* Packing group

\*\* Environmental hazards

#### Additional information

These substances when carried in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR/IMDG/IATA provided the packaging's meet the general provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4 - 4.1.1.8 (ADR, IMDG) / 5.0.2.4.1, 5.0.2.6.1.1, 5.0.2.8 (IATA).

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ADR / See Table A, Section 3.2.1 for any information on special provisions, requirements, or warnings in connection



with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

#### 14.6. Special precautions for user

Not applicable.

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

No data available.

### SECTION 15: Regulatory information

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

##### ▼ Restrictions for application

No special.

##### Demands for specific education

No specific requirements.

##### SEVESO - Categories / dangerous substances

E1 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 100 tonnes / (upper-tier): 200 tonnes  
Chlorine

##### Additional information

Tactile warning.

##### Sources

Control of Major Accident Hazards (COMAH) Regulations 2015.

In accordance with Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products as retained and amended in UK law.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### ▼ Full text of H-phrases as mentioned in section 3

H314, Contact with acids liberates toxic gas.

H272, May intensify fire; oxidiser.

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.

#### Abbreviations and acronyms

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

CE = Conformité Européenne

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

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### ▼ The safety data sheet is validated by

CHMA

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

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.

Country-language: GB-en