



Trade name: Triclosanum

Substance number: 068370

Version: 1 / CH

Date revised: 16.08.12

Replaces Version: - / CH

Date of printing: 16.08.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Triclosanum

Item-No. 06837000

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 1 H410

Aquatic Acute 1 H400

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Classification in accordance with EC directives

Classification Xi, R36/38

N, R50/53

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H410 Very toxic to aquatic life with long lasting effects.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols



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Irritant



Dangerous for the environment

R phrases

36/38 Irritating to eyes and skin.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37/39 Wear suitable gloves and eye/face protection.
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

3. Composition/information on ingredients**Hazardous ingredients****Triclosan**

CAS No.	3380-34-5			
EINECS no.	222-182-2			
Concentration		>=	50	%
Classification	Xi, R36/38 N, R50/53			

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 1	H410
Aquatic Acute 1	H400
Skin Irrit. 2	H315
Eye Irrit. 2	H319

Concentration limits (Regulation (EC) No. 1272/2008)

M = 100

4. First aid measures**4.1. Description of first aid measures****General information**

Seek medical advice immediately.

After inhalation

Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. If necessary, give oxygen

After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely. Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Begin with medical treatment.

After ingestion



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Rinse mouth thoroughly with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Summon a doctor immediately.

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

Hints for the physician / treatment

Treat symptomatically

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Foam, Dry chemical extinguisher, Carbon dioxide

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: If a fire breaks out nearby evolution of dangerous gases possible. Carbon monoxide (CO); Carbon dioxide (CO₂); Hydrogen chloride (HCl)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Use personal protective clothing.

Other information

Do not discharge into surface waters/groundwater. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin. Do not inhale dust. Wear protective equipment

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal. When picked up, treat material as prescribed under heading "Disposal". Avoid raising dust. Clean up affected area.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Wear protective equipment. Avoid contact with skin, eyes and clothing. Keep away sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value < 40 °C

Hints on storage assembly

Do not store with oxidizing agents.

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from heat and direct sunlight.



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8. Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Wash hands before breaks and after work. Avoid contact with eyes and skin. Remove contaminated, soaked clothing immediately and dispose of safely. Hold eye wash fountain available. Hold emergency shower available. Wash thoroughly after work.

Respiratory protection

Breathing apparatus in the event of aerosol.

Hand protection

Protective gloves

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Crystalline powder		
Colour	white		
Odour	slightly aromatic		
Melting point			
Value	appr.	57	°C
Flash point			
Value		223	°C
Density			
Value		1.55	g/cm ³
Remarks	Relative Density according specification		
Solubility in water			
Remarks	Not applicable		

10. Stability and reactivity

10.4. Conditions to avoid

Protect from direct sunlight. Keep away from sources of heat and ignition.

10.5. Incompatible materials

Oxidising agents

10.6. Hazardous decomposition products

Hydrogen chloride (HCl), Carbon monoxide and carbon dioxide

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Species	rat		
LD50		4300	mg/kg



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Acute dermal toxicity

Species	rabbit		
LD50	9300		mg/kg

Acute inhalational toxicity

Species	rat		
LD50	140		mg/m ³
Remarks	Irritating to respiratory system.		

Skin corrosion/irritation

valuation	irritant
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Serious eye damage/irritation

Remarks	slightly irritating (Eye)
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Mutagenicity

valuation	No mutagenicity in the Ames-test.
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12. Ecological information**12.1. Toxicity****Fish toxicity**

Species	zebra fish (Brachydanio rerio)		
LC50	0.5		mg/l
Duration of exposure	96	h	

Daphnia toxicity

Species	Daphnia		
EC50	0.4		mg/l
Duration of exposure	48	h	

Algae toxicity

EC50	0.2		mg/l
Duration of exposure	72	h	

Bacteria toxicity

IC50	20		mg/l
Duration of exposure	3	h	

12.2. Persistence and degradability**Biodegradability**

Value	10	to	25	%
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12.6. Other adverse effects**General information / ecology**

Very toxic for aquatic organisms. Do not allow it to reach ground water, water bodies or sewage system.

13. Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

14. Transport information



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Land transport ADR/RID**14.1. UN number**

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

14.3. Transport hazard class(es)

Class 9

Label 9

14.4. Packing group

Packing group III

Marine transport IMDG/GGVSee**14.1. UN number**

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

Air transport ICAO/IATA**14.1. UN number**

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

15. Regulatory information**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

16. Other information**R-phrases listed in chapter 3**

36/38 Irritating to eyes and skin.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard statements listed in chapter 3

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.