

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

1.1 Product identifier

Product name: HiChlor

Other identification:

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

Bleach disinfectant

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Skin Corr. 1A, H314

Eye Dam. 1, H318

Full text of H-phrases: see section 16

2.2 Label elements

Hazard pictograms: CLP 05 Corrosive

(none)

(none)

(none)



Signal word: Danger

Hazard statements: H314 - Causes severe skin burns and eye damage

Precautionary statements: P264 - Wash hands thoroughly after handling
P280 - Wear eye protection, protective gloves
P302+P352 - IF ON SKIN: Wash with plenty of soap, water
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P315 - Get immediate medical advice/attention
P362 - Take off contaminated clothing

Other label elements: Contains: sodium hypochlorite solution

2.3 Other hazards

No additional information available

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Sodium hypochlorite solution

(CAS No) 7681-52-9, (EC no) 231-668-3, (EC index no) 017-011-00-1

1-5%

Skin Corr. 1B, H314

Aquatic Acute 1, H400

Full text of H-phrases: see section 16

Section 4: First aid measures

4.1 Description of first aid measures

- General:** Get medical advice/attention if you feel unwell.
- Inhalation:** Remove person to fresh air and keep comfortable for breathing.
- Ingestion:** Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.
- Skin:** Wash with plenty of soap and water.
- Eye:** IF IN EYES: 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.

4.2 Most important symptoms and effects, both acute and delayed

- General:**
- Inhalation:** May cause respiratory irritation.
- Ingestion:** May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.
- Skin:** Repeated exposure may cause skin dryness or cracking.
- Eye:** Causes eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Foam.

5.2 Special hazards arising from the substance or mixture

No additional information available

5.3 Advice for firefighters

No additional information available

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate unnecessary personnel. Use personal protective equipment as required.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Collect spillage. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4 Reference to other sections

For further information refer to sections 8 and 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Does not require any specific or particular technical measures.

Storage conditions: Keep container closed when not in use.

Incompatible products: Oxidizing agent. Strong acids. Strong bases.

Special rules on packaging: Keep only in original container.

7.3 Specific end use(s)

No additional information available

Section 8: Exposure controls / personal protection

8.1 Control parameters

No additional information available

8.2 Exposure controls

Materials for protective clothing: Not required for normal conditions of use

Hand protection: Protective gloves

Eye protection: Chemical goggles or face shield

Skin and body protection: Not required for normal conditions of use
Respiratory protection: Not required for normal conditions of use

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

Physical state	Liquid
Appearance	Liquid
Colour	Light yellow
Odour	Chlorine-like
pH	12.5
Relative density	1.07

9.2 Other information

No additional information available

Section 10: Stability and reactivity

10.1 Reactivity

No additional information available

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No additional information available

10.4 Conditions to avoid

No additional information available

10.5 Incompatible materials

No additional information available

10.6 Hazardous decomposition products

No additional information available

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Causes severe skin burns and eye damage, pH: 12.5

Serious eye damage/irritation: Causes serious eye damage, pH: 12.5

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Section 12: Ecological information

12.1 Toxicity

No additional information available

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

No additional information available

Section 13: Disposal considerations

13.1 Waste treatment methods

No additional information available

Section 14: Transport information

General

14.1 UN Number

Not regulated for transport

14.2 UN proper shipping name

Proper Shipping Name (ADR/IMDG/IATA): Not applicable

14.3 Transport hazard class(es)

Transport hazard class(es) (ADR/IMDG/IATA): Not applicable

14.4 Packing group

Packing group (ADR/IMDG/IATA): Not applicable

14.5 Environmental hazards

Dangerous for the environment: No

Marine pollutant: No

Other information: No supplementary information available

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not applicable

Section 15: Regulatory information

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

EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

National regulations

Germany

VwVwS Annex reference: Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Denmark

Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the product

15.2 Chemical safety assessment

No additional information available

Section 16: Other information

Full text of H- and EUH-phrases:

Aquatic Acute 1: Hazardous to the aquatic environment — Acute Hazard, Category 1

Eye Dam. 1: Serious eye damage/eye irritation, Category 1

Skin Corr. 1A: Skin corrosion/irritation, Category 1A

Skin Corr. 1B: Skin corrosion/irritation, Category 1B

H314: Causes severe skin burns and eye damage

H318: Causes serious eye damage

H400: Very toxic to aquatic life

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.