

Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

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

1.1 Product identifier.

Product name: Swimmer Wintertime Algicide 5L
Product code: 20 86 587 051

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

Uses: Treatment of Swimming Pool Water

1.3 Details of the supplier of the safety data sheet.

Name of supplier: Golden Coast Ltd
Address of supplier: Fishleigh Road, Roundswell Commercial Park West, Barnstaple, Devon. EX31 3UA
Phone number: 01271 378 100
Responsible person: Jamie Adams
Web address: www.goldenc.com
Email: swimmer@goldenc.com

1.4 Emergency phone number: 01271 378 100 (office hours)

2. Section 2: Hazards identification.

2.1 Classification of the substance or mixture.

Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Statements
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

For the full text of the H phrases mentioned in this section see Section 16

Most important adverse effects

Human Health: See section 11 for toxicological information
Physical & Chemical Hazards: See section 9 for physicochemical information
Potential environmental effects: See section 12 for environmental information

2.2 Label elements.

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: GHS09: Environmental

Hazard symbols:



Signal word: Warning

Hazard Statements: H410 Very toxic to aquatic life with long lasting effects

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	H290	May be corrosive to metals
	H320	Causes eye irritation
	H315	Causes skin irritation
	H400	Very toxic to aquatic life
Precautionary statements:	P102	Keep out of reach of children
	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection
	P273	Avoid release to the environment
	P501	Dispose of contents/ container in accordance with national regulations

Use biocides safely. Always read the label and product information before use.

Hazardous components which must be listed on the label

Polymeric quaternary ammonium chloride

2.3 Other hazards.

No other information available

3. Section 3: Composition/information on ingredients.

3.2 Mixtures.

A mixture of the chemicals listed below with non-hazardous additions

Hazardous ingredients

Polymeric quaternary ammonium chloride			
EINECS	CAS	CLP CLASSIFICATION	PERCENT
-	68439-46-3	Aquatic Acute.1 H400; Aquatic chronic.1 H410	10-15%
Nitoltrimethylenetris (phosphonic acid)			
229-146-5	649-19-8	Eye irrit. 2: H320 ; Skin Irrit.2: H315 ; Met.Corr.1 H290	2%

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4. Section 4: First aid measures.**4.1 Description of first aid measures.**

General Advice:	Take off all contaminated clothing immediately
If inhaled:	In case of accident by inhalation; remove casualty to fresh air and keep at rest. Get medical attention if discomfort persists.
In case of skin contact:	Immediately wash with plenty of water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering or irritation occurs seek medical advice. Launder clothes before re-use.
In case of eye contact:	Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses.
If swallowed:	Rinse mouth thoroughly with water and have patient drink 250ml of water – Do not induce vomiting. If vomiting occurs naturally, rinse mouth and repeat administration of water.

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

Symptoms and effects: No further information available

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

Treatment Treat symptomatically

5. Section 5: Firefighting measures.**5.1 Extinguishing media.**

Suitable media: Sand, Earth, Carbon Dioxide Powder or Water Spray

5.2 Special hazards arising from the substance or mixture.

Specific hazards: May produce carbon dioxide, carbon monoxide, ammonia, hydrogen chloride and/or oxides of nitrogen and phosphorus

5.3 Advice for firefighters.

Protective equipment: In the event of a fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit)

Further information: Do not inhale explosion gases or combustion gases.

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6. Section 6: Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures.

Personal Precautions: Use personal protective equipment. Keep people away from and upwind of spill/leak. Provide adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapours. For personal protection see Section 8.

6.2 Environmental precautions.

Environmental precautions: Harmful to aquatic life in low concentrations. Do not allow to enter sewers/ surface or ground water. Inform authorities in case of seepage into watercourse or sewage system. Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up.

Cleaning up: Soak up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations. After clearing flush away traces with water. Do not allow product to enter drains.

Further information: Treat recovered material as described in the section 'Disposal considerations'.

6.4 Reference to other sections.

See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment
See Section 13 for disposal information

7. Section 7: Handling and storage.

7.1 Precautions for safe handling.

Advice on safe handling: Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin and eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity. Do not mix with other products in their concentrated form.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of the work day. Take off all contaminated clothing immediately. Provide adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities.

Storage areas: Prevent any seepage into the ground
Containers: Store in original containers (do not store in metal containers)
Fire and explosion: No special measures required
Further information: Store in cool, dry conditions and out of direct sunlight
Common storage: Store away from oxidisers.

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7.3 Specific end use(s).

No information available

8. Section 8: Exposure controls/personal protection.

8.1 Control parameters.

This product does not contain any relevant quantities that have to be monitored in the workplace.

8.2 Exposure controls.

Engineering measures

Refer to protective measures listed in sections 7 and 8

Personal protective equipment

Respiratory protection

Where vapours are emitted, respiratory protection must be used

Hand protection

Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374

Eye protection

Tightly fitting safety goggles approved to standard EN 166

Skin and body protection

Avoid prolonged contact with skin by wearing appropriate clothing

Environmental exposure controls

General advice:

Do not flush into surface water or sanitary sewer systems

9. Section 9: Physical and chemical properties.

9.1 Information on basic physical and chemical properties.

Form:

Liquid

Colour:

Colourless to pale yellow

Odour:

Odourless

pH @ 20°C:

Ca 3.0 (Aqueous solution – 1g/100ml)

Boiling point:

101 - 103°C

Flash point:

>100°C (Closed cup)

Specific Gravity @ 20°C

1.02 g/cm³

Water solubility:

Completely soluble

9.2 Other Information

No further information available

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10. Section 10: Stability and reactivity.

10.1 Reactivity.

Reactivity No information available.

10.2 Chemical stability.

Chemical stability Stable under normal temperature conditions and use

10.3 Possibility of hazardous reactions.

Hazardous reactions No dangerous reactions known

10.4 Conditions to avoid.

Conditions to avoid Avoid extremes of temperature and moisture

10.5 Incompatible materials.

Materials to avoid Strong oxidising agents

10.6 Hazardous decomposition products.

Haz.decomp.products: Hydrochloric Acid, Nitrogen Oxides, ammonia, oxides of phosphorus, Carbon Oxides (CO + CO²)

11. Section 11: Toxicological information.

11.1 Information on toxicological effects.

Acute Toxicity

Value type	Value	Species
LD50 Oral	>2000 mg/kg	Mouse
LD50 Dermal	>2000 mg/kg	Rat

Primary irritant effect:

On the skin: May be irritating

On the eye: Slightly irritating to eyes

Sensitization: No sensitizing effects known.

Chronic toxicity: No information available

Carcinogenicity: Insufficient evidence available to evaluate product as a Carcinogen

Mutagenicity: Insufficient evidence available to evaluate product as a mutagenic

Other relevant toxicity: May cause irritation to mouth, throat, oesophagus and digestive tract if swallowed

12. Section 12: Ecological information.

12.1 Toxicity.

Toxicity Dangerous for the environment. Product is toxic to aquatic organisms

12.2 Persistence and degradability.

Persistence and degradability Biodegradable. Product will react to produce harmless by-products.

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12.3 Bioaccumulation potential.

Bioaccumulative potential Bioaccumulation is not expected

12.4 Mobility in soil.

Mobility in soil Water soluble. May be absorbed into soil.

12.5 Results of PBT and vPvB assessment.

PBT and PvB: No information available.

12.6 Other adverse effects.

Other adverse effects In large quantities, this product may affect the functioning of waste-water treatment plants.

13. Section 13: Disposal considerations.**13.1 Waste treatment methods.**

- Disposal should be in accordance with local, state or national legislation.
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment , dispose to an authorised waste collection point

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

14. Section 14: Transport information.**14.1 UN number.**

UN3082

14.2 UN proper shipping name.

Environmentally Hazardous Substance, Liquid N.O.S. (Polymeric quaternary ammonium chloride in aqueous solution)

14.3 Transport hazard class(es).

Class	9
Classification Code	90
Hazard label	9
Transport category	3
Excepted Quantities	E1
Limited Quantities	5 Litres

**14.4 Packing group.**

III

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14.5 Environmental hazards.

Environmentally Hazardous Yes

Marine Pollutant No

14.6 Special precautions for user.

Note: No information available

14.7 Transport in bulk according to annex II of MARPOL 73/78 and the IBC code.

Note: No information available.

15. Section 15: Regulatory information.**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.****15.2 Chemical safety assessment.**

Currently we do not have any information from our supplier on this

16. Section 16: Other information.

Full text of H-statements referred to under sections 2 and 3

H290	May be corrosive to metals
H320	Causes eye irritation
H315	Causes skin irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

This information is believed to be accurate and represent the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

Note:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.

Further information relating to the pictograms, phrases, statements or acronyms contained within this Safety Data Sheet is available for download. Please refer to www.goldenc.com/resources/data-sheets