

Legal Disclaimer

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1. Section 1: Identification of the substance/mixture and the company/undertaking.**1.1 Product identifier.**

Product name: Swimmer Copper Free Summertime 2L
Product code: 20 86 587 048

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

Treatment of algae

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.**

Acute Environ H400

For the full text of the H statements 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



Signal word: Warning

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Hazard statements.

H400 : Very toxic to aquatic life

Precautionary statements.

P102: Keep out of reach of children
P402+404: Store in a cool dry place. Store in a closed container.
P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing
P301+P314: IF SWALLOWED: Get medical attention if you feel unwell
P501: Dispose of contents/container to hazardous waste

Hazardous components which must be listed in the label.

N-dimethyl-2-hydroxyammonium chloride (polymer)

2.3 Other Hazards.

No other information is available

3. Section 3: Composition/information on ingredients.**3.2 Mixture.*****Polyquaternary ammonium compound***

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

EINECS	CAS	CLP Classification	Percent
270-325-2	25988-97-0	Acute Environ H400	40-60%

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

General advice: Symptoms of poisoning may occur even after several hours; therefore medical observation is required for at least 48 hours after the accident

If inhaled: Provide fresh air, warmth and rest, preferably in a comfortable sitting position. Get professional medical attention if any discomfort continues.

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In case of skin contact:	Generally the product does not irritate the skin
In case of eye contact:	Rinse the eye immediately with water. Continue to rinse for at least 15 minutes.
If swallowed:	Clean mouth with water and drink plenty of water. If swallowed, do not induce vomiting. Seek medical advice if discomfort continues.

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

Symptoms & Effects	No further information available.
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4.3 Indication of any immediate medical attention and special treatment needed.

Treatment:	Treat symptomatically.
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5. Section 5: Firefighting measures.**5.1 Extinguishing media.**

Suitable extinguishing media:	CO2, powder or water spray. Fight larger fires with water spray
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5.2 Special hazards arising from the substance or mixture.

Specific hazards during fire:	No information available
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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:	Collect contaminated firefighting water separately. Contaminated firefighting water must not enter the sewage system.

6. Section 6: Accidental release measures.**6.1 Personal precautions, protective equipment and emergency procedures.**

Personal precautions:	Use personal protective equipment. Keep away from and upwind of spill. Provide adequate ventilation. Avoid contact with skin and eyes. Keep away from ignition source.
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6.2 Environmental precautions.

Environmental precautions:	Do not flush allow to enter into surface water or sanitary sewer system. Prevent from spreading (e.g. by damming-in or oil barriers)
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6.3 Methods and material for containment and cleaning up.

Methods and materials: Absorb with liquid-binding material (sand, acid/universal binders, sawdust)

Further information: Dispose of contaminated material as waste according to item 13.

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: Use personal protective equipment.
Avoid contact with skin.
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 workday.
Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with the skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage: Prevent any seepage in the ground.
Advice on protection against fire: No special measures required.
Further information: Store in cool, dry conditions in well-sealed receptacles.
Advice on common storage: Store away from oxidising substances.
Storage temperature: Keep away from heat and direct sunlight.

7.3 Specific end use(s).

For treatment of algae.

8. Section 8: Exposure controls/personal protection.**8.1 Control parameters.**

No exposure limit established

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8.2 Exposure controls.

Refer to protective measures listed in section 7 and 8.

Personal protective equipment.

Ventilation:

No special ventilation requirements are normally necessary for this product. However, make sure that the work environment remains clean and that dusts are minimised.

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection:

Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN374

Eye protection:

Tightly fitting safety goggles (EN166). Emergency eyewash stations must be available.

Skin and body protection:

Protective work clothing.

Environmental exposure controls

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:	Fluid
Colour:	Colourless
Odour:	Mild
Ph @ 20°C	5-7
Melting point:	Undetermined.
Boiling point:	100°C
Flash point:	Not applicable.
Density @ 20°C:	1.052 g/cm ³
Water solubility:	Fully miscible.
Ignition temperature:	>250°C
Explosive properties:	Product does not present an explosion hazard.

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: No information available.

10.3 Possibility of hazardous reactions.

Hazardous reactions: No information available.

10.4 Conditions to avoid.

Conditions to avoid: No decomposition if used according to specifications.

10.5 Incompatible materials.

Materials to avoid: Oxidising agents.

10.6 Hazardous decomposition products.

Haz. Decomp. Products: Nitrogen Oxides.

11. Section 11: Toxicological information.**11.1 Information on toxicological effects.****Toxicity values**

Route	Species	Test	Value	Units
Oral	Rat	LD50	>5,000	mg/kg

Primary irritant effect:

On the skin: No irritant effect

On the eyes: No irritant effect

Sensitisation:

No sensitising effects known.

Carcinogenic:

There is no evidence that this substance has any carcinogenic properties

Mutagenic:

There is no evidence that this substance is mutagenic

Additional toxicological information.

Other relevant toxicity:

Avoid repeated exposure.

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12. Section 12: Ecological information.**12.1 Toxicity.**

Water hazard class 2 (German Regulation) (Self- assessment): hazardous for water.

12.2 Persistence and degradability.

Persistence and degradability: No information available.

12.3 Bioaccumulative potential.

Bioaccumulative potential: Bioaccumulation is not expected.

12.4 Mobility in soil.

Mobility in soil: Expected to absorb in soil.

12.5 Results of PBT and PvB assessment.

PBT and PvB assessment: No information available.

12.6 Other adverse effects.

Danger to drinking water if even small quantities leak into the ground.

Do not allow product to reach ground water, water bodies or sewage system even in small quantities.

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.

13.2 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.

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (Polyquaternary ammonium compound)

14.3 Transport hazard class(es).

Class: 9
Classification: M6

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Hazard label: 9
Transport category: 3
Excepted quantities: E1
Limited quantities: 5 Litres



14.4 Packing group.

III

14.5 Environmental hazards.

Classified as environmentally hazardous: Yes

14.6 Special precautions for user.

Note: Not applicable

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

IMDG: Not applicable

15. Section 15: Regulatory information.

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

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

15.2 Chemical safety assessment.

No further information

16. Section 16: Other information.

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

H400: Very toxic to aquatic life.

This information I believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for 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.

Further information.

Restricted to professional users.

Attention – Avoid exposure – obtain special instructions before use.

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.

Safety Data Sheet

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