

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 Algicide
Product code: 20 86 586 010 – 1 Litre
20 86 586 025 – 2 Litre
20 86 000 320 - Swimmer Splasher Pool Water Care Kit - Chlorine

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

Uses: Algae prevention in 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
Email: swimmer@goldenc.com
Web address: www.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**

Skin Corrosion 1B H314
Aquatic Chronic 1 H410
Aquatic Acute 1 H400

For the full text of H-statements mentioned in this section see Section 16.

Most important adverse effects

Human health: See section 11 for toxicological information
Physical and 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 Symbols:



Signal word:

Danger

Hazard statements:

H314: Causes severe skin burns and eye damage
H410: Very toxic to aquatic life with long lasting effects

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Precautionary statements:

- P102: Keep out of reach of children
- P272: Avoid release to the environment
- P280: Wear protective gloves/protective clothing/eye protection/ face protection.
- P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P303+P361+P353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with 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.
- P333+313: If skin irritation or rash occurs: Get medical advice/attention
- P501: Dispose of contents/container in accordance with national regulations.

Hazardous components which must be listed on the label

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

2.3 Other hazards.

PBT: This substance is not identified as a PBT substance.

3. Section 3: Composition/information on ingredients.

3.2 Mixtures.

Chemical nature: Liquid Mixture of substances listed below with non-hazardous additions

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES

EINECS	CAS No	CLP Classification	Amount %
		Aquatic Tox. 4: H312; Acute Tox.4: H302; Skin Corr 1B: H314	
270-325-2	68424-85-1	Aquatic Acute 1:H400	1-10%

4. Section 4: First aid measures.

4.1 Description of first aid measures.

General: Personal protection for the First Aider. Immediately remove any clothing soiled by the product.

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Check for and remove any contact lenses. Open eyes wide apart. Rinse opened eye with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in recovery position. Transfer to hospital as soon as possible.

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Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Effects: Immediate effects can be expected after short-term exposure.

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

No further relevant information available.

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

Suitable extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Unsuitable extinguishing media: Water with full jet.

5.2 Special hazards arising from the substance or mixture.

Specific hazards during fire: Corrosive. In combustion emits toxic fumes.

5.3 Advice for firefighters.

Advice for firefighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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

Personal precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 for SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details.

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6.2 Environmental precautions.

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up.

Methods and materials for containment and cleaning up: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb with liquid-binding material (sand, dry earth, universal binders)
Keep in suitable closed containers for disposal.

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: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage: Prevent any seepage into the ground
Protection against fire and explosion: No special measures required
Storage conditions: Store in a cool, well-ventilated area.
Suitable packaging: Must only be kept in original packaging.
Advice on common storage: Store away from foodstuffs.

7.3 Specific end use(s).

No data available.

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

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls.
Engineering measures**

General information: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escapes of liquids.

Personal protective equipment

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

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Eye protection: Wear safety glasses approved to standard EN 166

Skin and body protection: Impermeable protective clothing.

Environmental exposure controls

Dispose of in accordance with all applicable local and national regulations.

9. Section 9: Physical and chemical properties.**9.1 Information on basic physical and chemical properties.**

Form: Liquid
Colour: Blue
Odour: Mild
Relative density: 0.994 g.cm³
Water solubility: Soluble

9.2 Other Information

No further relevant information available.

10. Section 10: Stability and reactivity.**10.1 Reactivity.**

Reactivity: Stable under recommended transport or storage conditions

10.2 Chemical stability.

Chemical stability: Stable under normal conditions

10.3 Possibility of hazardous reactions.

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid.

Conditions to avoid: Heat

10.5 Incompatible materials.

Materials to avoid: Strong acids. Strong bases. Strong oxidising agents.

10.6 Hazardous decomposition products.

Haz.Decomp.products: In combustion emits toxic fumes.

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11. Section 11: Toxicological information.

11.1 Information on toxicological effects.

Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Route	Species	Test	Value	Units
Dermal	Rat	4hr LC50	>5000	Mg/kg
Oral	Rat	LD50	795	Mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms/routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Effects: Immediate effects can be expected after short-term exposure.

12. Section 12: Ecological information.

12.1 Toxicity.

Ecotoxicity values:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Species	Test	Value	Units
Daphnia	EC50	48h	0.03 mg/l

Aquatic toxicity

Species	Test	Value	Value	Units
Daphnia	EC50	48h	0.016	Mg/l
Green Alga (Selenastrum capricornutu)	EC50	48h	0.02	Mg/l
Rainbow Trout (Oncorhynchus mykiss)	LC50	48h	0.85	Mg/l

12.2 Persistence and degradability.

Persistence and degradability: No data available

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12.3 Bioaccumulation potential.

Bioaccumulative potential: No data available

12.4 Mobility in soil.

Mobility in soil: Readily absorbed into soil

12.5 Results of PBT and vPvB assessment.

PBT Identification: This product is not identified as a PBT/vPvB substance

12.6 Other adverse effects.

Other adverse effects: No data available.

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

- Transfer to a suitable container and arrange for collection by specialised disposal company
- Disposal should be in accordance with local, state or national regulation
- 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.**

UN1760

14.2 UN proper shipping name.

CORROSIVE LIQUID, N.O.S. (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES)

14.3 Transport hazard class(es).

Class: 8

14.4 Packing group.

II

14.5 Environmental hazards.

Environmentally hazardous: Yes Marine Pollutant: No

14.6 Special precautions for user.

Special precautions: Warning: Corrosive substances.

Tunnel code: E

Transport category: 3

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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.

A chemical safety assessment has not been carried out for the mixture by the supplier.

16. Section 16: Other information.

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

H302: Harmful if swallowed

H318: Causes serious eye damage

H314: Causes serious skin burns and eye damage

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

Further information

Restricted to professional users. Attention – Avoid exposure – obtain special instructions before use.

This information is believed to be accurate and represents 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 the use of this information. Users should make their own investigations to determine the suitability of the information for their own 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