

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 Algae Destroyer 1L
Product code: 20 86 587 010

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

Uses: For the control of severe and persistent Algae in 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
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**

Hazard Class	Hazard statements
Acute Tox.4	H302
Aquatic Chronic 1	H410
Eye Dam. 1	H318
Skin Irrit. 2	H315
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.

Hazard statements: H302: Harmful if swallowed
H315: Causes skin irritation
H318: Causes serious eye damage
H410: Very toxic to aquatic life with long lasting effects.

Signal word: Danger:

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Hazard pictograms: GHS05: Corrosion
 GHS07: Exclamation mark
 GHS09: Environmental



P102: Keep out of reach of children
 P103: Read label before use
 P280: Wear protective gloves/protective clothing/eye protection/face protection
 P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell
 P302+350: IF ON SKIN: Gently wash with plenty of soap and water.
 P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
 P501: Dispose of contents/container in accordance with local/national/international regulations.

2.3 Other hazards.

Other hazards: PBT: This product is not identified as a PBT/vPvB substance.

3. Section 3: Composition/information on ingredients.

3.2 Mixtures.

METHANAMINE, N-METHYL-,POLYMER WITH 2-(CHLOROMETHYL) OXIRANE

EINECS	CAS	PBT/WEL	CLP Classification	Percent
-	25988-97-0	-	Acute Tox.4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	30-50%

COPPER SULPHATE PENTAHYDRATE

231-847-6	7758-99-8	-	Acute Tox.4: H302; Skin Irrit.2: H315; Eye Irrit. 2: H319; Aquatic Chronic 1:	10-30%
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ETIDRONIC ACID

-	2809-21-4	-	Met.Corr. 1: H290; Eye Dam. 1: H318; Acute Tox. 4: H302	1-10%
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Contains: Mixture of listed substances with non-hazardous additions.

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

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to the skin. Wash immediately with plenty of soap and water.

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

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be irritation and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate/special treatment: Eye bathing equipment should be available on the premises.

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

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

5.2 Special hazards arising from the substance or mixture.

Exposure Hazards: In combustion emits toxic fumes.

5.3 Advice for firefighters.

Advice for fire-fighters: 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: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out contaminated area with signs, prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

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6.2 Environmental precautions.

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

6.3 Methods and material for containment and cleaning up.

Clean-up procedure: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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.**

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

7.2 Conditions for safe storage, including any incompatibilities.

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Fire protection: Normal measures for preventive fire protection.

7.3 Specific end use(s).

No information available.

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

Workplace exposure limits: No data available.

DNEL/PNEC values: No data available.

8.2 Exposure controls.

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Personal protective equipment:

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

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

Eye protection: Wear safety glasses approved to standard EN 166. Provide eye station.

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Skin protection: Protective clothing.

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

Form: Liquid
Colour: Dark Green
Odour: Characteristic Odour.
pH: < 2
Relative density: 1.200

9.2 Other Information

No data 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: -

10.4 Conditions to avoid.

Conditions to avoid: Heat

10.5 Incompatible materials.

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

10.6 Hazardous decomposition products.

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

11. Section 11: Toxicological information.**11.1 Information on toxicological effects.****Hazardous ingredients**

METHANAMINE, N-METHYL-,POLYMER WITH 2-(CHLOROMETHYL) OXIRANE

DERMAL	RAT	LD50	>2000	Mg/kg
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COPPER SULPHATE PENTAHYDRATE

DERMAL	RBT	LD50	>2000	Mg/kg
ORAL	RAT	LD50	482	Mg/kg

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ETIDRONIC ACID

DERMAL	RBT	LD50	>5000	Mg/kg
ORAL	RAT	LD50	1878	Mg/kg

Relevant hazards for substance:

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

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

12. Section 12: Ecological information.

12.1 Toxicity.

METHANAMINE, N-METHYL, POLYMER WITH 2-(CHLOROMETHYL) OXIRANE

ALGAE	72H	ErC50	0.22	Mg/l
Daphnia magna	48H	EC50	0.13	Mg/l
RAINBOW TROUT (Onchorhynchus mykiss)	96H	LC50	0.13	Mg/l

12.2 Persistence and degradability.

Persistence and degradability: Not biodegradable

12.3 Bioaccumulation potential.

Bioaccumulative potential: No Bioaccumulation potential.

12.4 Mobility in soil.

Mobility: 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: Very toxic to aquatic organisms. Harmful to soil organisms.

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

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company

NB: The users attention is drawn to the possible existence of regional or national regulations regarding disposal.

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

UN1760

14.2 UN proper shipping name.

CORROSIVE LIQUID, N.O.S.
(ETIDRONIC ACID; METHANAMINE, N-METHYL-, POLYMER WITH 2-(CHLOROMETHYL) OXIRANE)

14.3 Transport hazard class(es).

8

14.4 Packing group.

III

14.5 Environmental hazards.

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6 Special precautions for user.

Special precautions: Warning: Corrosive substance

Tunnel code: E

Transport category: 3

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

Transport in bulk: Not applicable

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

Not applicable

15.2 Chemical safety assessment.

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

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16. Section 16: Other information.

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

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

H290: May be corrosive to metals

H302: Harmful if swallowed

H315: Causes serious skin irritation

H318: Causes serious eye damage

H319: Causes serious eye irritation

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

H411: Toxic to aquatic life with long lasting effects

Further information

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

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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