

**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 Pool Stain & Scale Inhibitor 1 Litre  
Product code: 20 86 591 011

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

Uses: To prevent staining of pools and spas.

**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](mailto:swimmer@goldenc.com)  
Web address: [www.goldenc.com](http://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
Skin Dam 1	H318
Skin Sens.1	H317

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 & 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: GHS05:Corrosion  
GHS07: Warning

Hazard Symbols:



Signal word: Danger  
Hazard statements: H317: May cause an allergic skin reaction  
H318: Causes serious eye damage

## 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.

Precautionary statements:

- P101: If medical advice is needed, have product container or label at hand.
- P102: Keep out of the reach of children
- P261: Avoid breathing mist
- P280: Wear protective gloves and eye/face protection
- P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P302+353: IF ON SKIN (or hair): Wash with plenty of water/shower.
- P333+313: If skin irritation or rash occurs: Get medical advice/attention.
- P363: Wash contaminated clothing before reuse
- P501: Dispose of contents/container in accordance with national regulations.

## 2.3 Other hazards.

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

## 3. Section 3: Composition/information on ingredients.

### 3.1 Mixture

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

ETIDRONIC ACID – REACH registered number (s): 01-2119510391-53				
Index-No:	Cas No:	EC No:	%	CLP Classification
-	2809-21-4	220-552-8	10-15%	Met.Corr.1 H290; Acute Tox.4 H302; Eye Dam.1 H318
2R,3R)-2-3-DIMETHYLBUTANEDIOIC ACID				
-	26099-09-2	26099-09-2	1-10%	Eye Irrit. 2 H319
MALEIC ACID				
-	203-742-5	110-16-7	<1%	Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317

## 4. Section 4: First aid measures.

### 4.1 Description of first aid measures.

General advice: Take off all contaminated clothing immediately unless stuck to the skin.

Skin contact: Wash off immediately with plenty of soap and water. If irritation appears seek medical advice.

Eye contact: Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses. Consult a doctor.

Ingestion: Clean mouth with water and drink plenty of water. DO NOT INDUCE VOMITING. Consult a doctor immediately.

**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.

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

**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 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.

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

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

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

Suitable 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.**

Specific hazards during fire: In combustion emits toxic fumes.

**5.3 Advice for firefighters.**

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

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

Personal Precautions: 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 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

**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.**

Cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).  
Keep in suitable closed containers for disposal.

**6.4 Reference to other sections.**

Other sections: See section 8 for information on personal protection equipment.

**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.

---

**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. 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.

**7.3 Specific end use(s).**

Specific 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** No data available.

**Personal protective equipment**

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 EN 374.

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

Skin and body protection: Protective 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: Orange  
Odour: Characteristic  
pH @ 20°C: <2  
Relative density: 1.09

**9.2 Other Information**

No further information available.

---

## 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.

## 10. Section 10: Stability and reactivity.

### 10.1 Reactivity.

Reactivity: Stable under recommended transport or storage conditions.

### 10.2 Chemical stability.

Chemical stability: No decomposition if stored and applied as directed.

### 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 oxidising agents. Strong acids.

### 10.6 Hazardous decomposition products.

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

## 11. Section 11: Toxicological information.

### 11.1 Information on toxicological effects.

ETIDRONIC ACID				
DERMAL	RBT	LD50	>5000	Mg/kg
ORAL	RAT	LD50	1878	Mg/kg
2R,3R)-2,3-DIMETHYLBUTANEDIOLIC ACID				
ORAL	RAT	LD50	12500	Mg/kg
MALEIC ACID				
ORL	MUS	LD50	2400	Mg/kg
ORL	RAT	LD50	708	Mg/kg

### Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	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.

**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.

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.****Hazardous ingredients:**

<b>2R,3R)-2,3-DIMETHYLBUTANEDIOL ACID</b>			
Daphnia magna	48H EC50	>1000	Mg/l
FISH	96H LC50	580	Mg/l

**12.2 Persistence and degradability.**

Persistence and degradability: No data available.

**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 and PvB assessment: 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.

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

**14. Section 14: Transport information.**

Not classified as hazardous for transportation.

**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.

---

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

This product is not classified according to the EU regulations.

**15.2 Chemical safety assessment.**

No data available.

---

**16. Section 16: Other information.**

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

H317: May cause an allergic skin reaction

H318: Causes serious eye damage.

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](http://www.goldenc.com/resources/data-sheets)