

# Material Safety Data Sheet

Golden Coast



## 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.

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## 1 IDENTIFICATION OF PRODUCTS

**Product Name:** Swimmer Smart Sticks 5.0 kg

**Product Code:** 20 86 547 050 5.0 kg

## 2 COMPOSITION

Ingredients	CAS No.	Einecs No.	Phrases
Trichloro-S-Triazine Trione (96-100%)	87-90-1201-782-8		R8-22-31-36/37
Dichloroisocyanuric Acid (0-4%)	N/K		N/K

## 3 HAZARD IDENTIFICATION

On contact with moisture product decomposes to Chlorine, Hypochlorous Acid and Cyanuric Acid. Chlorine and Hypochlorous acid are known to be toxic to fish. Harmful if inhaled, ingested or exposed to skin and eyes.

Danger: Mixing with Sodium or Calcium Hypochlorite will cause explosive generation of Nitrogen Trichloride.

## 4 FIRST AID MEASURES

**Skin contact:** Wash thoroughly with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention.

**Eye contact:** Flush immediately with water for at least 15 minutes. If irritation persists seek immediate medical attention.

**Ingestion:** Wash out mouth with water for at least 15 minutes. If irritation persists seek immediate medical attention.

**Inhalation:** Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek immediate medical attention.

**Note:** When seeking medical attention, always show the product label.

### Golden Coast Ltd

Fishleigh Road Roundswell Commercial Park West

Barnstaple Devon EX31 3UA

Tel: +44 (0)1271 378100 Fax: +44 (0)1271 371699

www.goldenc.com e-mail: swimmer@goldenc.com



As a quality assured company we reserve the right to alter and improve the specification of products as deemed necessary.

Registered in England and Wales 2420044 VAT Reg. No 540 4110 02



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## 5. FIRE FIGHTING MEASURES

**Flammability:** Non-flammable. However, thermal decomposition will occur at above 225°C. This can be extinguished by flooding with water or by isolating the decomposing material in open air and allowing it to be consumed.

**Suitable extinguishers:** Water, CO<sub>2</sub> Do not use ammonium compounds as Nitrogen Trichloride may be produced.

**Hazard combustion Products are:** Chlorine, Hypochlorous Acid, Cyanuric Acid.

## 5 ACCIDENTAL RELEASE MEASURES

**Spillages and Leaks:** Avoid breathing dust. Isolate contaminated area and instruct others to keep away. Use officially approved respirator with chemical cartridge suitable against chlorine and dust. Sweep up spillages immediately, shovel into clean drums or plastic bags. Avoid contact with water, other liquids and organic compounds. Do not put into bins or skips. Dispose of in accordance with local regulations via an approved disposal contractor.

## 6 HANDLING AND STORAGE

**Handling:** Do not breath dust and avoid contact with skin and eyes. Use PPE. Any damaged packages should be isolated and repaired.

**Storage:** Store in a cool, dry and well-ventilated area. Keep away from fire, heat and direct sunlight. Keep out of reach of children and animals. Keep away from incompatible materials.

## 7 EXPOSURE CONTROLS / PERSONAL PROTECTION

**PPE Skin:** Impermeable gloves and protective clothing.

**PPE Eyes:** Wear chemical splash goggles.

**PPE Respiratory:** Mask in normal conditions. Otherwise use approved respirator with chemical cartridge suitable against chlorine and dusts.

**General:** Use local exhaust ventilation.  
Long Term Exposure Limit: 1ppm (3mg/m<sup>3</sup>) 8HR T.W.A.  
Short Term Exposure Limit: 3ppm (9mg/m<sup>3</sup>) 10 min reference period



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## 8 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Crystalline solid or tablet form
<b>Colour:</b>	White
<b>pH:</b>	(1% aqueous soln) – 2.7-3.3
<b>Solubility:</b>	10g/litre water @ 25°C
<b>Bulk Density:</b>	0.95g/cm <sup>3</sup>
<b>Odour:</b>	Chlorine
<b>Melting point:</b>	Approx. 225°C

## 9 STABILITY AND REACTIVITY

<b>Stability:</b>	This product is stable under normal conditions.
<b>Decomposition product:</b>	Decomposes above 225°C forming hazardous gasses.
<b>Incompatible materials:</b>	Organic materials, oils, grease, sawdust reducing agents, Nitrogen containing compounds, Sodium Hypochloride, Calcium Hypochloride, other oxidisers, acids and alkalis.
<b>Conditions to avoid:</b>	Damp or slightly wet conditions should be avoided. May gradually generate Nitrogen Trichloride.

## 10 TOXICOLOGICAL INFORMATION

<b>Skin:</b>	Irritation (Rabbit 24hr). Corrosive
<b>Eyes:</b>	Irritation (Rabbit 24 hr). Corrosive
<b>Ingestion:</b>	Irritation and burning to gastrointestinal tract.
<b>Inhalation:</b>	Irritating to nose, mouth, throat and lungs.

## 11 ECOLOGICAL INFORMATION

Partially soluble in water. Highly toxic to fish. Do not discharge into lakes, ponds, stream or public waters unless in accordance with consent to discharge orders.

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## 12 DISPOSAL CONSIDERATIONS

**Disposal method:** Disposal should be in accordance with all official regulations and carried out via an approved disposal contractor. If material is dry incineration is recommended.

**Empty containers:** As substance.

## 13 TRANSPORT INFORMATION

**UN No:** 2468

**Primary Hazard:** Oxidising

**Packing Group:** II

**Hazard ID No:** 50

**Class:** 5.1

**ADR/RID Item No:** 26 (b)

**Hazchem:** 2WE

## 14 REGULATORY INFORMATION

**Supply Label Details:** CHIP 2 1994

**Label Name:** Trichloroisoyanuric Acid

**Hazard Symbol(s):** Oxidising Harmful

**Risk Phases:** R8 Contact with combustible material may cause fire.

R22 Harmful if swallowed

R31 Contact with acids liberates toxic gas

R36/37 Irritating to eyes and respiratory system

**Safety Phases** S8 Keep container dry

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

S41 In case of fire and/or explosion do not breath fumes.

## 15 OTHER INFORMATION

The data in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1997, as amended, for the purpose of protecting the health and safety of industrial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company who are capable of acting on the information.

This data sheet does not constitute a users assessment of the workplace risk as required by the Health and Safety at Work Act, COSHH, Management of Health and Safety at Work or other Health and Safety legislation.

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