

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 Multifunctional Stabilised Chlorine Granules
Product code: 20 86 529 025 – Swimmer Multifunctional Chlorine Granules 2kg
20 86 529 050 – Swimmer Multifunctional Chlorine Granules 5kg

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

For disinfection of pool and spa 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
Eye Irrit.2	H319
STOT SE 3	H335
Aquatic Acute 1	H410

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

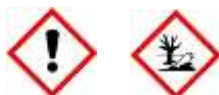
Most important adverse effects

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 symbols:



Signal word:

Danger

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Hazard statements: H302: Harmful if swallowed
 H319: Cause serious eye irritation
 H410: Very toxic to aquatic life with long lasting effects
 H335+H336: May cause respiratory irritation. May cause drowsiness or dizziness.
 EUH031: Contact with acids liberates toxic gas
 EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine)

Use biocides safely. Always read the label and product information before use.

Precautionary statements: P102: Keep out of reach of children
 P402: Store in a cool dry place
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
 P501: Dispose of contents/container in accordance with national regulations

Hazardous components which must be listed on the label:

Sodium Dichlor, Aluminium Sulphate and Copper Sulphate

2.3 Other hazards.

No other information is available.

3. Section 3: Composition/information on ingredients.

3.2 Mixtures.

Sodium dichloroisocyanurate, dihydrate

EINECS	CAS	PBT/WEL	CLP Classification	Percent
220-767-7	51580-86-0	-	Met. Corr. 1: H290; Skin Sens. 1A:H371 Eye Dam. 1: H318; Aquatic	50 – 100%

Aluminium sulphate

EINECS	CAS	PBT/WEL	CLP Classification	Percent
233-135-0	10043-01-3	-	Eye Dam. 1: H318	2.5-10%

Copper sulphate pentahydrate

EINECS	CAS	PBT/WEL	CLP Classification	Percent
-	7758-99-8	-	Acute Tox 4. H302; Eye Irrit. H319; Skin Irrit. 2: H315; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	≤2.5%

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.

General Advice:	Take off all contaminated clothing immediately.
If inhaled:	Move to fresh air. Remove contaminated clothing and loosen remaining clothing. Seek immediate medical advice . In case of unconsciousness place patient stably in side position for transportation.
In case of skin contact:	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists seek medical attention.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if necessary.
If swallowed	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.

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

Symptoms and effects: No further information available

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

Treatment: Treat symptomatically.

5. Section 5: Firefighting measures.

5.1 Extinguishing media.

Suitable media: Use fire extinguishing methods suitable to surrounding conditions
Unsuitable media: Foam or water

5.2 Special hazards arising from the substance or mixture.

Specific Hazards: In case of fire, the following can be released Nitrogen oxides (NOx)
Hydrogen chloride (HCl)

5.3 Advice for firefighters.

Protective equipment Fire-fighters should wear full protective clothing and self-contained breathing apparatus (SCBA). Thoroughly decontaminate fire-fighting equipment including all fire-fighting wearing apparel the incident.

Further information Collect contaminated fire extinguishing water separately.

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

Personal precautions:

Use personal protective equipment. Provide adequate ventilation.
For personal protection see section 8.

6.2 Environmental precautions.

Environmental precautions:

Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.
If the product contaminates rivers and lakes or drains inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up.

Cleaning up:

Pick up mechanically. Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.

6.4 Reference to other sections.

For personal protection see section 8

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7. Section 7: Handling and storage.

7.1 Precautions for safe handling.

Advice on safe handling:

DO NOT MIX WITH OTHER CHEMICALS. Mix only with water. Never add water to product. Always add product to water. Use clean dry dispensing equipment.

Hygiene measures:

Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in in the application area. Wash hands before breaks and at the end of the work day. Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers: Keep this product in original, sealed container when not in use. Store in a cool, dry, well-ventilated area.

Advice on protection against fire:

Normal measures for preventive fire protection

Further information on storage:

Keep away from children. Prevent seepage into the ground

Advice on common storage:

Do not store together with acids.

7.3 Specific end use(s).

No information is available.

8. Section 8: Exposure controls/personal protection.

8.1 Control parameters.

	Short Term	Long Term
Sodium dichloroisocyanurate, dihydrate	0.07mg/m ³	0.02mg/m ³

8.2 Exposure controls.

Engineering measures

Fume cupboard required when vapours/ aerosol are generated

Personal protective equipment

Respiratory protection

Use suitable respiratory protection when high concentrations are present.

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

Tightly fitting goggles

Skin Protection

Protective clothing

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Environmental exposure controls

General advice:

Do not flush into surface water or sanitary sewer systems
General room ventilation plus local exhaust should be used to maintain exposure below TLV. Eyewash and emergency shower facilities recommended. Remove and wash contaminated clothing before reuse.

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

Form:	Granular
Colour:	Whitish
Odour:	Characteristic chlorine
pH @ 20°C:	10 @ 20°C
Melting point:	Undetermined
Boiling point/boiling range:	Undetermined
Self Igniting:	>200°C
Relative vapour density:	No information available
Density @ 20°C	Undetermined
Water solubility:	Partly soluble
Explosive properties:	Product does not present an explosion hazard
Oxidising properties:	Product is not an oxidiser

9.2 Other Information

No information available

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10. Section 10: Stability and reactivity.

10.1 Reactivity.

Reactivity No decomposition if used according to specification

10.2 Chemical stability.

Chemical stability Currently we do not have any information from our supplier about this

10.3 Possibility of hazardous reactions.

Hazardous reactions Reacts with acids releasing chlorine. Reacts with Oxidisers.

10.4 Conditions to avoid.

Conditions to avoid High temperature. Poor ventilation. Contamination. Moisture/high humidity

10.5 Incompatible materials.

Materials to avoid Reacts with acids releasing chlorine.

10.6 Hazardous decomposition products.

Haz. Decomp. products: Chlorine

11. Section 11: Toxicological information.

11.1 Information on toxicological effects.

LD/LC50 values relevant for classification:

Acute Toxicity

51580-86-0 sodium dichloroisocyanurate, dihydrate

Value type	Value	Species
LD50 Oral	1400 mg/kg	Rat

7758-99-8 copper sulphate pentahydrate

LD50 Oral	300 mg/kg	Rat
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Primary Irritant effect

On the skin: Powder may irritate skin after prolonged contact

On the eye: Particles in the eyes may cause irritation and smarting

Carcinogenic

This product is not listed as a carcinogen

Mutagenic

Currently we do not have any information from our supplier about this

Sensitization

No sensitizing effects known

Additional toxicological information:

No specific symptoms noted

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12. Section 12: Ecological information.

12.1 Toxicity.

Toxicity This product is toxic to fish and other organisms

12.2 Persistence and degradability.

Persistence and degradability No information available

12.3 Bioaccumulation potential.

Bioaccumulative potential No information available

12.4 Mobility in soil.

Mobility in soil Soluble in water, predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment.

PBT and PvB assessment No data available

12.6 Other adverse effects.

Remarks: Water hazard class 2 (German Regulation) (self-assessment): hazardous for water:
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small amounts leak into the ground.
Also poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms.

13. Section 13: Disposal considerations.

13.1 Waste treatment methods.

Product: Disposal together with normal waste is not allowed. Special disposal is required according to local regulations. Do not let product enter drains. Contact waste disposal services.

Contaminated packaging: Empty contaminated packaging thoroughly. They can be re-cycled after thorough and proper cleaning. Packaging that cannot be cleaned is to be disposed of in the same manner as the product.

Waste Catalogue No: No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates assignment. The waste code is established in consultation with the regional waste disposer.

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14. Section 14: Transport information.

14.1 UN number.

3077

14.2 UN proper shipping name.

3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S (SODIUM DICHLOROISOCYANURATE, DIHYDRATE)

14.3 Transport hazard class(es).

Class	9
Classification code	M7
Hazard label	90
Transport Category	3



14.4 Packing group.

III

14.5 Environmental hazards.

Environmentally hazardous	Yes
Marine Pollutant	Yes

14.6 Special precautions for user.

Not applicable

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

N/A

15. Section 15: Regulatory information.

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

Regulatory list	Notification	Notification No
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15.2 Chemical safety assessment.

Currently we do not have any information from our supplier about this.

16. Section 16: Other information.

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

H302: Harmful if swallowed.

H319: Causes serious eye irritation

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

H335+H336: May cause respiratory irritation. May cause drowsiness or dizziness

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EUH031: Contact with acids liberates toxic gas

EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).

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 use of this information. Users should make their own investigations to determine the suitability of the information for their 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.

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