

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: Essentials / Swimmer Stabilised Chlorine Granules
Product code: 20 86 530 010 – Essentials Spa Stabilised Chlorine Granules 1kg
20 86 530 025 – Swimmer Stabilised Chlorine Granules 2kg
20 86 530 050 – Swimmer Stabilised Chlorine Granules 5kg
20 86 530 250 – Swimmer Stabilised Chlorine Granules 25kg
20 86 000 320 – Swimmer Splasher Pool Water Care Kit
20 86 000 225 – Essentials Spa Starter Pack

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
STOT SE 3	H400
Aquatic Acute 1	H410
Aquatic Chronic 1	

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

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2.2 Label elements.

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols:



GHS07



GHS09

Signal word: Warning

Hazard statements:

H302 – Harmful if swallowed

H319 – Causes serious eye irritation

H335 – May cause respiratory irritation

H410 – Very toxic to aquatic life with long lasting effects.

EUH031 – Contact with acid liberates toxic gas

EUH026 – Warning! Do not use together with other products. May release dangerous gases (chlorine).

Precautionary statements:

P101 – If medical advice is needed, have product container or label at hand.

P102 – Keep out of reach of children

P103 – Read label before use

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P402 – Store in a dry place

P260 – Do not breathe dust

P301+P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P405 – Store locked up

P305+351+338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P273 – Avoid release to the environment

P501 – Dispose of contents/container in accordance with legislation

Hazardous components which must be listed on the label

Sodium Dichloroisocyanurate Dihydrate

2.3 Other hazards.

PBT / vPvB: Not applicable

3. Section 3: Composition/information on ingredients.

3.1 Substances.

Chemical nature: Granules

Chemical Name: Sodium Dichloroisocyanurate Dihydrate,

CAS NO	EC No	%	H & S
51580-86-0	220-767-7	100%	H302, H319, H335, H400, H410

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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. Keep at rest until full recovered. If breathing is laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In event of cardiac arrest, apply external cardiac massage. Seek medical advice. In severe cases pulmonary oedema can be delayed by up to 48 hours.
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 continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Get medical attention.
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: Water spray or fog (large quantities available)

Unsuitable media: No information available

5.2 Special hazards arising from the substance or mixture.

Specific hazards: Oxidising agent. Not combustible, but will support combustion of other materials. Decomposes upon heating liberating chlorine and oxygen. Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire.

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 after 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: Sweep up, avoiding generation of dust, then immediately spread as a thin layer in an uncontaminated, dry open area, to avoid the possibility of hot spots forming. Gradually hose to drain ensuring large dilution. DO NOT store or transport swept up material. DO NOT return spilled material to original container. Do not add small amount of water to material. Where a spill has occurred in a confined space or unventilated building and the material is damp and evolving chlorine, the rate of chlorine evolution can be reduced by covering thinly spread solid with soda ash. For large spills notify Emergency Services.

6.4 Reference to other sections.

For personal protection see section 8

7. Section 7: Handling and storage.**7.1 Precautions for safe handling.**

Advice on safe handling: Strong oxidising agent. 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. avoid contact with skin and eyes.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited 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.

7.2 Conditions for safe storage, including any incompatibilities.

Storage: Keep this product in original, sealed container when not in use. Store in a cool, dry, well ventilated area.

Protection against fire: Normal measures for preventative fire protection.

Further information: Keep away from children.

Common storage: Keep away from food, drink and animal feeding stuffs. Keep away from combustible material.

7.3 Specific end use(s).

Specific use(s): No information is available.

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8. Section 8: Exposure controls/personal protection.

8.1 Control parameters.

EU. Indicative Exposure and Directives relating to the protection of risks related to work exposure to chemical, physical and biological agents.

Sodium Dichloroisocyanurate Dihydrate		
State	8 hour TWA	15 min STEL
UK	1.5 mg/m ³	2.9 mg/m ³

8.2 Exposure controls.

Engineering measures: Fume cupboard required when vapours/aerosol are generated
Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device Filter AB2P2. Filter AB2P3. In case of intensive or longer exposure use self-contained respiratory protective Device.

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

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

Skin and body protection: Wear appropriate clothing to prevent repeated or prolonged skin contact.

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: Granules
Colour: Whitish
Odour: Characteristic chlorine
pH @ 20°C: 7.0 – 10% (aqueous solution)
Melting point: Not applicable
Boiling point/boiling range: Not applicable
Water solubility: 260gm /litre @ 25°C
Partition coefficient: noctonol/water: No data available.
Explosive properties: Product is not explosive
Oxidising properties: No data available

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9.2 Other Information

No further information.

10. Section 10: Stability and reactivity.

10.1 Reactivity.

Reactivity: No information available.

10.2 Chemical stability.

Chemical stability: No information available.

10.3 Possibility of hazardous reactions.

Hazardous reactions: Gives off hydrogen by reaction with metals. Reacts exothermic with water.

10.4 Conditions to avoid.

Conditions to avoid: Damp or slightly wet conditions may slowly liberate hazardous gases. (Will gradually degenerate to Nitrogen Trichloride)

10.5 Incompatible materials.

Materials to avoid: Avoid contact with water on concentrated material in the container. Avoid contact with easily oxidisable material such as organic compounds, reducing agents, Nitrogen containing

10.6 Hazardous decomposition products.

Haz.Decomp.products: Decomposes above 240°C forming chlorine, nitrogen, trichloride, nitrogen oxides, carbon dioxide, cyanates and carbon monoxides.

11. Section 11: Toxicological information.

11.1 Information on toxicological effects.

Toxicity Values Sodium Dichloroisocyanurate Dihydrate.

Route	Species	Test	Value	Units
Oral	Rat	LD50	>1,400	Mg/kg
Oral	Human	LD50	3,570	Mg/kg

(lowest lethal dose)

Ingestion:

Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, ulceration of the stomach, lachrymation, difficulty in breathing, loss of consciousness., coma and possible death.

Inhalation:

Inhalation of the dust will result in respiratory irritation. Decomposes when wet to evolve chlorine gas. Inhalation of chlorine will result in severe respiratory irritation. Delayed effects can include shortness of breath, severe headaches, pulmonary oedema and pneumonia.

Skin:

Contact with the skin will result in mild irritation. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

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Eyes: A severe eye irritant. Contamination of the eyes can result in permanent injury. Corrosive to eyes; contact can cause corneal burns.

Sensitisation: No further information available.

Further information: No further information available.

12. Section 12: Ecological information.

12.1 Toxicity.

Acute Toxicity

Highly toxic to aquatic life: DO NOT discharge into lakes, ponds or streams, DO NOT discharge into public waters unless in Accordance with consent to discharge orders.

Sodium Dichloroisocyanurate Dihydrate.

Species	Time	Test	Value	Units
Fish	96hr	LC50	1,000	Mg/l
Daphna Mangna	48hr	LC50	1,000	Mg/l

12.2 Persistence and degradability.

Persistence and degradability: No data available.

12.3 Bioaccumulation potential.

Bioaccumulative potential: Not expected to bioaccumulate.

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: Harmful effects to aquatic organisms due to pH shift.
Neutralization is necessary before waste water is discharged into water treatments plants

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 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 European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation

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with the regional waste disposer.

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.**

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

15.2 Chemical safety assessment.

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

16. Section 16: Other information.

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

H302 – Harmful if swallowed

H319 – Causes serious eye irritation

H335 – May cause respiratory irritation

H400 – Very toxic to aquatic life

H410 – Very toxic to aquatic life with long lasting effects

EUH031 – Contact with acids liberates toxic gas.

Safety Data Sheet

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

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.

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