

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 Spa Filter Cleaning Powder 500g
Product code: 20 86 581 005

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

Uses: Instant filter cleaner and disinfection of swimming pool water
Restrictions: At this time we do not have information on use restrictions.

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 Category	Target Organs	Hazard Statements
Skin Corrosion	Category 1B		H314
Aquatic Toxicity	Category 1		H411

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 physiochemical 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

Hazard statements: H314: Causes severe skin burns and eye damage
H411: Very toxic to aquatic life with long lasting effects.

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.

Prevention:
P260: Do not breathe vapours
P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection

Hazardous components which must be listed on the label

Sodium Hydroxide and Sodium Metasilicate

2.3 Other hazards.

No other information is available

3. Section 3: Composition/information on ingredients.

Chemical nature: Granules

Chemical Name	Identification Numbers			Amount %
Mixture of the chemicals listed below with non-hazardous additives				
	CAS No:	EC No:	Index No:	
Sodium Hydroxide	1310-73-2	215-185-5	011-002-00-6	10-25%
Sodium meta-Silicate, Petahydrate	10213-79-3	229-912-9	014-010-00-8	10-25%
Sodium Carbonate	497-19-8	207-838-8	011-005-00-2	10-25%
Sodium dichloroisocyanurate, dihydrate	51580-86-0	220-767-7	613-030-01-7	2.5-10%

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

General advice: Take off all contaminated clothing immediately

If Inhaled: In case of accident by inhalation; remove casualty to fresh air and keep at rest. If breathing is irregular or stopped; administer artificial respiration. Call a physician immediately.

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

In case if eye contact: Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.

If swallowed: Clean mouth with water and drink plenty of water. Never give anything by mouth to an unconscious person. If swallowed; do not induce vomiting – seek medical advice. If a person vomits when lying on his back place him in the recovery position.

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.

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

Symptoms: No further information available
Effects: No further information available.

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

Treatment: Treat symptomatically
Effects: No further information available.

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

Suitable extinguishing media: CO₂, powder or water spray. Fighter larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media: Water with foam jet .

5.2 Special hazards arising from the substance or mixture.

Specific hazards during firefighting: Nitrogen oxides (Nox); Carbon Monoxide (CO); Hydrogen chloride (HCl)

5.3 Advice for firefighters

Special protective equipment: In the event of a fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).
Further information: No further information available.

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

Personal precautions: Avoid formation of dust
Wear protective equipment. Avoid contact with skin and eyes.

6.2 Environmental precautions.

Environmental precautions: In case of seepage into the ground inform responsible authorities.
Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up.

Pick up mechanically. Use neutralizing agent. Dispose of contaminated material waste as waste according to item 13.

6.4 Reference to other sections.

For safe handling see section 7
For personal protection see section 8
For disposal information see section 13.

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: Thorough dedusting, prevent formation of dust.

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. Avoid contact with the skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers: No special measures required

Advice on protection against fire and explosion: No special measures required.

Further information: No further information available.

Advice on common storage: Store away from oxidising agents.

Storage temperature: Cool & dry.

7.3 Specific end use(s).

Specific use(s) No information available.

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.

Component: Sodium hydroxide**CAS No: 1310-73-2**

Regulatory Basis: UK. EH40 Workplace Exposure Limits (WELS)

Regulatory List: EH40 WEL

Value type: Short Term Exposure Limit (STEL)

Value: 0.02 mg/m³

Component: Sodium dichloroisocyanurate, dihydrate**CAS No: 51580-86-0**

Regulatory List: EU ELV

Value: Short Term Exposure (STEL): 0.07 mg/m³

Value: Long Term Exposure (LEV) 0.02 mg/m³

8.2 Exposure controls.**Engineering measures**

Refer to protective measures listed in sections 7 and 8.

Respiratory protection

Low Exposure: Advice: Respiratory filter device

Intensive exposure: Advice: Self-contained respiratory protective device.

Hand protection: Advice: Use protective gloves

Eye protection: Advice: Chemical goggles.

Skin and body protection: Advice: Protective clothing

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.

Environmental exposure controls

General advice Do not flush into surface water or sanitary sewer systems
 Avoid subsoil penetration
 If the product contaminates rivers and lakes or drains inform respective authorities.
 If the product reaches soil inform respective authorities.

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

Form: Solid
Colour: Colourless
Odour: Characteristic
Melting point: Undetermined
Boiling point: 1390°C
Flash point: Not applicable
Upper explosion limit: Not applicable
Lower explosion limit: Not applicable
Density @ 20°C: Not determined
Water solubility: Completely soluble
Ignition temperature: 250°C
Viscosity, kinematic: 20°C (Aqueous solution 15%)
Explosive properties: Product does not present an explosion hazard

9.2 Other Information

No further information available.

10. Section 10: Stability and reactivity.**10.1 Reactivity.**

Reactivity: Stable under normal use and storage conditions

10.2 Chemical stability.

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

10.3 Possibility of hazardous reactions

Hazardous reactions: None reasonably foreseeable.

10.4 Conditions to avoid.

Conditions to avoid: High temperature. Poor ventilation. Contamination.

10.5 Incompatible materials.

Materials to avoid: Acids

10.6 Hazardous decomposition products.

Haz.decomp.products: Chlorine

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.

11. Section 11: Toxicological information.

11.1 Information on toxicological effects.

Sodium Hydroxide			1310-73-2	
Value type	Value type	Value	Value	Species
Oral	LD50	2,000	Mg/kg	Rat
Sodium Dichloroisocyanurate, dihydrate			51580-86-0	
Oral	LD50	1,400	Mg/kg	Rat

Primary irritant effect

On the skin: Strong caustic effect on skin and mucous membranes.
On the eye: Strong caustic effect
Sensitisation: No sensitizing effects known.
Further information: Swallowing will lead to strong caustic effect on mouth and throat and to the danger of perforation of the oesophagus and stomach.
 Handle in accordance with good industrial hygiene and safety practise.

12. Section 12: Ecological information.

12.1 Toxicity.

Toxicity: Toxic for fish

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: No data available.

12.5 Results of PBT and vPvB assessment.

Results of PBT and PvB: No data available

12.6 Other adverse effects.

Remarks: Water hazard class 2 (German regulation)(Self-assessment): hazardous for water.
 Danger to drinking water even if small quantities leak into the ground.
 Also poisonous for fish and plankton in water bodies.
 Toxic for aquatic organism.

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.

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

Disposal should be in accordance with local, state or national legislation.

Do not reuse empty containers without commercial cleaning or reconditioning.

Do not discharge into drains or the environment, dispose to an authorised waste collection point.

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

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

3262

14.2 UN proper shipping name.

Corrosive solid, basic, inorganic, n.o.s. (Sodium Hydroxide Solid)

14.3 Transport hazard class(es).

Class: 8

Classification code: M6

Hazard label: 9

Transport Category: 3

Tunnel: E

LQ: 1 kg

14.4 Packing group.

II

14.5 Environmental hazards.

Classified as environmentally hazardous

14.6 Special precautions for user.

Note: No information available

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

Note: No 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.

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

No data available.

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

H314: Causes severe skin burns and eye damage

H411: Very toxic to aquatic life with long-lasting effects.

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