

Legal Disclaimer

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1. Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier.

Product name: Essentials Spa Cartridge Cleaner
 Product code: 20 86 581 010 1 Litre

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

Uses: Concentrated cleaning agent for swimming pool, spa and hot tub filters

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
 Web : www.goldenc.co
 Phone number: 01271 378100.
 Responsible person: Jamie Adams
 Email: swimmer@goldenc.com

1.4 Emergency phone number: 01271 378100 (office hours)

2. Hazards identification.

2.1 Classification of the substance or mixture.

Classification according to Regulation (EC) No 1272/2008)

Hazard Class	Hazard Category	
Skin Corrosion	Category 1A	H314

For 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 toxicological information
 Potential environmental effects: See section 12 for toxicological information

2.2 Label elements.

Labelling according to Regulation (EC) No 1272/2008

Hazard statements:	H314	Causes severe skin burns and eye damage
Signal word:	Danger.	
Hazard pictograms:	GHS05	Corrosion



Precautionary statements:	P260 P280	Do not breath dust/fumes/gas/mist/vapours/spray Wear protective gloves and eye/face protection
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Precautionary phrases.

Keep out of reach of children.

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

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If on skin (or hair): Remove/take off immediately take off all contaminated clothing. Rinse skin with water/shower.

Avoid breathing dust/fume/gas/mist/spray.

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

2.3 Other hazards.

None.

3. Composition/information on ingredients.

3.1 Mixtures.

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases *	Symbols
potassium hydroxide, caustic potash	10-30%	1310-58-3	215-181-3	H302, H314 R22, R35	GHS05, GHS07 C
tetrasodium ethylene diamine tetraacetate	1-10%	64-02-8	200-573-9	H302, H318 R22,R41	GHS05, GHS07 Xn

See Section 16.

4. First aid measures.

4.1 Description of first aid measures.

If inhaled:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If on skin (or hair):

Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

If skin irritation or rash occurs: Get medical advice/attention.

If in eyes:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

If swallowed:

Rinse mouth. Do NOT induce vomiting.

If exposed or concerned:

Get medical advice/attention.

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

Corrosive effects.

Causes blistering of the skin.

Can cause damage to the eyes and skin.

Can cause damage to the mucous membranes.

4.3 Indication of immediate medical attention and special treatment needed.

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Treat symptomatically.

5. Firefighting measures.

5.1 Extinguishing media.

Use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide.

This product is not flammable.

5.2 Special hazards arising from the substance or mixture.

See Section 10.6.

Gives off irritating or toxic fumes (or gases) in a fire.

5.3 Advice for firefighters.

Wear protective clothing as per Section 8.

Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.

Use water to cool containers exposed to fire.

6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures.

Wear protective clothing as per Section 8.

Evacuate the area and keep personnel upwind.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Avoid contact with skin and eyes.

Eyewash bottled should be available.

6.2 Environmental precautions.

Do not allow to enter public sewers and watercourses.

Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up.

Absorb spillage in earth or sand.

Place in appropriate container.

Seal containers and label them.

Remove contaminated material to safe location for subsequent disposal.

6.4 Reference to other sections.

See Section 7 & 8.

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7. Handling and storage.

7.1 Precautions for safe handling.

Avoid contact with skin and eyes.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Use only outdoors or in a well ventilated area.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.
Eyewash bottles should be available.

7.2 Conditions for safe storage, including any incompatibilities.

Keep in an area equipped with acid resistant flooring.
Keep only in original container.
Keep container tightly closed.
Keep in a cool, dry, well ventilated place.
Protect from heat.
Keep away from foodstuff.
Incompatible with oxidising substances.
Contact with metals may form explosive gases.

7.3 Specific end use(s).

Cleaner.

8. Exposure controls/personal protection.

8.1 Control parameters.

potassium hydroxide; caustic potash.
WEL (short term) 2 mg/m³.

8.2 Exposure controls.

Engineering controls should be provided which maintain airborne concentrations as low as practicable.

Occupation exposure controls.

In case of inadequate ventilation wear respiratory protection.

Wear goggles giving complete eye protection.

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

Wear suitable clothing providing resistance to acids.



Respirator

Goggles

Gloves

Suit

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9. Physical and chemical properties.

9.1 Information on basic physical and chemical properties.

Odour:	Perceptible odour.
Appearance:	Light, yellow, liquid.
pH:	>10
Boiling point:	Not known.
Vapour pressure:	Not known.
Vapour density:	Not known.
Melting point:	Not applicable.
Miscible.	
Specific gravity:	1.17 – 1.2 g/cm ³
Flash point:	Not applicable.
Non explosive.	
Evaporation rate:	Not known.
Viscosity:	Not applicable.

9.2 Other Information: No information available.

10. Stability and reactivity.

10.1 Reactivity.

No information available.

10.2 Chemical stability.

No decomposition if stored normally.

10.3 Possibility of hazardous reactions.

Reacts with metals liberating hydrogen.

10.4 Conditions to avoid.

Avoid overheating.

10.5 Incompatible materials.

Incompatible with acid.
Incompatible with strong oxidising substances.
Do not mix with any other products.

10.6 Hazardous decomposition products.

Decomposition products may include toxic fumes.

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11. Toxicological information.

11.1 Information on toxicological effects.

LD50 (oral,rat) 333 mg/kg.

Inhalation.

May cause respiratory tract irritation.

May cause coughing.

May cause shortness of breath.

In cases of severe exposure, burning sensation may develop.

Contact with skin.

Causes blistering of the skin.

Causes burning sensation.

Causes redness and swelling.

Contact with eyes.

Causes pain.

Causes redness.

Causes burning sensation.

Can cause damage to the eyes.

Ingestion.

Can cause soreness and redness of the mouth and throat.

May cause burns to mouth and throat.

May cause perforation of the oesophagus and stomach.

Carcinogenicity.

No evidence of carcinogenic effects.

Teratogenicity.

No information available.

Mutagenicity.

No information available.

12. Ecological information.

12.1 Toxicity.

No information available.

12.2 Persistence and degradability.

Biodegradable.

12.3 Bioaccumulation potential.

Bioaccumulation is not expected.

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12.4 Mobility in soil.

High mobility in soil.

12.5 Results of PBT and vPvB assessment.

Not a PBT according to REACH Annex XIII.

12.6 Other adverse effects.

Do not allow product to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Danger to drinking water if even extremely small quantities leak into the ground.

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. Transport information.



Corrosive.

14.1 UN number.

3266

14.2 UN proper shipping name.

CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (contains potassium hydroxide).

14.3 Transport hazard class(es).

14.4 Packing group.

II

14.5 Environmental hazards.

On available data, substance is not harmful to the environment.

14.6 Special precautions for user.

See Section 7.
Ensure there is adequate ventilation.

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

Not applicable.

Other information.

Road/Rail (ADR/RID).

Proper shipping name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (contains potassium hydroxide).
ADR UN No:	3266
ADR hazard class:	8
ADR packing group:	II
Tunnel code:	E.

Sea (IMDG).

Proper shipping name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (contains potassium hydroxide).
IMDG UN No:	3266
IMDG hazard class:	8
IMDG pack group:	II

Air (ICAO/IATA).

Proper shipping name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (contains potassium hydroxide).
ICAO UN No:	3266
ICAO hazard class:	8
ICAO packing group:	II

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.

No information available.

16. Other information.

Text of R and S phrase codes used in this safety data sheet.

H302:	Harmful if swallowed.
H314:	Causes severe skin burns and eye damage.
H318:	Causes serious eye damage.
R22:	Harmful if swallowed.
R35:	Causes severe burns.
R41:	Risk of serious damage to eyes.

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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.