

**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 Sodium Hypochlorite 10/11%  
Product code: 20 86 550 100 – 10 Litre  
20 86 550 200 – 20 Litre

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

Uses: Disinfection of Swimming Pool 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](mailto:swimmer@goldenc.com)  
Web address: [www.goldenc.com](http://www.goldenc.com)

**1.4 Emergency phone number: 01271 378 100 (office hours)**

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**2. Section 2: Hazards identification.****2.1 Classification of the substance or mixture.**

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

**Hazard Class**

Skin Corrosion 1B H314  
Acute Aquatic toxicity 1 H400

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.

**2.2 Label elements.**

**Labelling according to Regulation (EC) No 1272/2008**

Hazard statements: EUH031: Contact with acids liberates toxic gas.  
H314: Causes severe skin burns and eye damage  
H400: Very toxic to aquatic life.

Signal word: Danger

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### Hazard pictograms:

GHS05: Corrosion

GHS09: Environmental



### Precautionary statements:

P261: Avoid breathing gas/mist/vapours/spray

P273: Avoid release to the environment

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

P301+330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water.

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

### 2.3 Other hazards.

No other information is available.

## 3. Section 3: Composition/information on ingredients.

### 3.1 Substances.

SODIUM HYPOCHLORITE SOLUTION CL ACTIVE

EINECS	CAS	PBT/WEL	CLP Classification	Percent
231-668-3	7681-52-9	-	Skin Corr. 1B: H314; Aquatic Acute 1: H400;-: EUH031	>=10-<=15

Registration No: 01-2119488154-34-xxxx

## 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 of 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.

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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.

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

Symptoms and effects: See section 11 for more detailed information on health effect and symptoms.

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

Treatment: No information available.

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

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2 Special hazards arising from the substance or mixture.**

Exposure hazards: Corrosive. In combustion emits toxic fumes. In combustion emits toxic fumes of hydrogen chloride / phosgene.

**5.3 Advice for firefighters.**

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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

Personal precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details.

**6.2 Environmental precautions.**

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3 Methods and material for containment and cleaning up.**

Cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders)

Containment: Keep in suitable closed containers for disposal.

Further information: Treat recovered material as described in the section 'Disposal considerations'.

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**6.4 Reference to other sections.**

See Section 1 for emergency contact information

See Section 7 for information on personal protective equipment

See Section 13 for waste treatment information

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

Advice on safe handling:

Do not keep the container sealed. Handle and open container with care. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Use respirator with appropriate filter if vapours are released. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

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 skin and eyes.

**7.2 Conditions for safe storage, including any incompatibilities.**

Storage areas:

Keep in an area equipped with alkali resistant flooring.

Containers:

Keep only in the original container. Store in a receptacle equipped with a vent.

Protection against fire:

The product is not flammable. Normal measures to preventative fire protection.

Further information:

Keep in a well-ventilated place. Protect against light. Store in a cool place. Do not keep the container sealed.

Common storage:

Keep away from food, drink and animal feedstuffs. Do not store together with acids and ammonium salts.

German storage class:

8B: Non-combustible substances, corrosive.

**7.3 Specific end use(s).**

Specific uses(s):

No information available.



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

Form:	Liquid
Colour:	Yellowish Green
Odour:	Slight chlorine
pH @ 20°C:	>11
Melting point:	-17°C
Flash point:	Not applicable
Flammability (solid, gas):	Does not ignite
Upper explosion limit:	Not applicable
Lower explosion limit:	Not applicable
Water solubility:	Completely soluble
Ignition temperature:	Not applicable
Thermal decomposition:	To avoid thermal decomposition do not overheat
Explosive properties:	Not explosive

**9.2 Other Information**

No further information available.

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

Reactivity: Contact with acids liberates toxic gas.

**10.2 Chemical stability.**

Chemical stability: Decomposes on heating and exposure to light.

**10.3 Possibility of hazardous reactions.**

Hazardous reactions: May develop chlorine if mixed with acidic solutions.

**10.4 Conditions to avoid.**

Conditions to avoid: Heat

**10.5 Incompatible materials.**

Materials to avoid: Ammonium compounds Amines. Nickel. Organic materials. Copper. Metal salts. Acetic anhydride Hydrogen peroxide.

**10.6 Hazardous decomposition products.**

Haz. Decomp. products: Hydrogen chloride gas; Chlorine; Chlorine oxides.

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## 11. Section 11: Toxicological information.

### 11.1 Information on toxicological effects.

Sodium Hypochlorite Solution 10-15%				7681-52-9
Route	Species	Test	Value	Units
ORAL	RAT	LD50	>2,000	Mg/kg
DERMAL	RBT	LD50	>2,000	Mg/kg

#### Relevant effects for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

#### Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Other relevant toxicity: If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

## 12. Section 12: Ecological information.

### 12.1 Toxicity.

#### Ecotoxicity values:

Species	Test	Value	Units
Pimephales promelas	96H LC50	0.22-0.62	Mg/l
Daphnia magna	96H ErC50	2.1	Mg/l
GREEN ALGA (Selenastrum capricornutum)	48H EC50	28	Mg/l

### 12.2 Persistence and degradability.

Persistence and degradability: The methods for determining the biological degradability are not applicable to inorganic substances.

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**12.3 Bioaccumulation potential.**

Bioaccumulative potential: No bioaccumulation potential.

**12.4 Mobility in soil.**

Mobility: The product is mobile in water environment, readily absorbed into soil.

**12.5 Results of PBT and vPvB assessment.**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6 Other adverse effects.**

Other adverse effects: All numerical values for ecotoxicity effects are calculated on the pure substances.  
Do not flush into surface water or sanitary water system.

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

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

Contaminated packaging: Empty contaminated packaging's thoroughly. They can be recycled after thorough and proper cleaning. Packaging's that cannot be cleaned are 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 the assignment. The waste code is established in consultation with the regional waste disposer.

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

UN Number: UN1791

**14.2 UN proper shipping name.**

Shipping Name: HYPOCHLORITE SOLUTION  
(SODIUM HYPOCHLORITE SOLUTION)

**14.3 Transport hazard class(es).**

Transport class: 8

**14.4 Packing group.**

Packing group: III

**14.5 Environmental hazards.**

Environmentally hazardous: Yes

Marine pollutant: Yes



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**14.6 Special precautions for user.**

Special precautions:	No special precautions
Tunnel code:	E
Transport category:	3

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

Transport in bulk: Not applicable.

**15. Section 15: Regulatory information.****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.****15.2 Chemical safety assessment.**

No information 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

H400: Very toxic to aquatic life.

EUH031: Contact with acids liberates toxic gas.

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.

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