

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. Identification of the Substance/Mixture and the Company Undertaking

1.1 Product Identifier

Product Name: Bayroklar Spa Granules
Product Code: 2010552010 (1kg)
2010552012 Spa Active Water Care Pack

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Uses: Product for disinfection and oxidation of 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
Telephone: 01271 378100.
Responsible Person: Jamie Adams
Email: swimmer@goldenc.com

1.4 Emergency Telephone Number: 01271 378100 (office hours)

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC, 1999/45/EC):

Irritant R41 Risk of serious damage to eyes.
Harmful R22 Harmful if swallowed.

2.2 Label Elements:

Labelling according to EU Directives (1999/45/EC)

Hazard Pictograms:



Harmful

R-phrases

R22 Harmful if swallowed.

R41 Risk of serious eye damage.

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.

S-phrases

S2	Keep out the reach of children.
S17	Keep away from combustible material.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39	Wear eye/face protection.
S46	If swallowed, seek medical advice immediately and show this container or label.
S56	Dispose of this material and its container to hazardous waste collection point.

Hazardous components which must be listed on the label

70693-62-8 pentapotassium bis(peroxymonosulphate) bis(sulphate)

2.3 Other hazards

Do not handle until all safety precautions have been read and understood.

3. Composition/Information on Ingredients

3.1 Mixtures

Chemical Name:	CAS Number EC Number Registration Number	Classification (67/548/EEC)	Classification Regulation (EC) No 1272/2008	Concentration (%)
Pentapotassium- bis(peroxymonosulphate)- bis(sulphate)	70693-62-8 274-778-7	Xn; R22 C; R34	Acute Tox 4; H302 Skin Corr 1B	91.1%

4. First Aid Measures

4.1 Description of First Aid Measures

General Information:	Move out if dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If Inhaled:	Move to fresh air. Consult a physician after significant exposure.
If on Skin:	Take off all contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

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.

	Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
If in Eyes:	In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
If swallowed:	Clean mouth with water and drink afterwards plenty of water. DO NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatments: For specialist advice physicians should contact the Poisons Information Service.

5. Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special Hazards Arising from the Substance or Mixture

Specific Hazards During Fire Fighting: Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for Fire Fighters

Special Protective Equipment: In the event of fire, wear self-contained breathing apparatus.

Further Information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Use personal protective Equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental Precautions

Environmental Precautions: Do not flush into the surface waters or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and Materials for Containment and Cleaning Up

Methods for cleaning up Pick up and arrange disposal without creating dust.
Keep in suitable, closed containers for disposal.

6.4 Reference to other Sections

Refer to protective measures listed in Sections 7 and 8.

7. Handling and Storage

7.1 Precautions for Safe Handling

Advice on Safe Handling: For personnel protection see section 8.
Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Smoking, eating and drinking should be prohibited in the application area.
Provide sufficient air exchange and/or exhaust in work rooms.
Dispose of rinse water in accordance with local and national regulations.

Advice on Protection against

Fire and explosion: Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for Safe Storage, including any Incompatibilities:

Requirements for Storage Areas and Containers Keep container tightly closed in a dry and well-ventilated place.

Other Data: No decomposition if stored and applied as directed.

7.3 Specific use(s)

Specific Use: Product for disinfectant and oxidation of pool water

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.

8. Exposure Controls/Personal Protection

- 8.1 Control Parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Exposure Controls**
- Engineering Measures** Ensure eyewash stations and safety showers are close to workstation location.
- Personal Protective Equipment**
- Respiratory Protection:** In the case of dust or aerosol formation use respirator with an approved filter.
- Hand Protection:** Polyvinyl alcohol or nitrile-butyl-rubber gloves.
The selected protective gloves have to satisfy the specifications of the EU Directive 89/686/EEC and the standard EN374 derived from it. Before removing gloves clean them with soap and water.
- Eye Protection:** Eye wash bottle with pure water.
Tightly fitting safety goggles.
Wear face-shield and protective suit for abnormal processing problems.
- Skin and Body Protection:** Dust impervious protective suit.
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at end of work day.
- Environmental Exposure Controls**
- General Advice:** Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers or lakes or drains inform respective authorities.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

- Appearance:** Granules
- Colour:** White
- Odour:** Odourless
- Odour Threshold:** No information available
- Flash Point:** No information available
- Ignition Temperature:** No information available.
- Lower Explosion Limit:** 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.

Upper Explosion Limit:	No information available
Flammability: (solid,gas):	No information available
Auto ignition Temperature:	No information available
Ph:	No information available
Vapour Pressure:	No information available
Density:	No information available
Bulk Density:	Ca 1,100 kg/m ³
Water Solubility @ 20°C:	250g/l
Partition coefficient:n-octanol/water:	No information available
Solubility in Other Solvents:	No information available
Relative Vapour Density:	No information available
Evaporation Rate:	No information available

9.2 Other Information

Oxidising potential: Note: No information available

10. Stability and Reactivity

10.1 Reactivity

Remark Stable under recommended storage conditions.

10.2 Chemical Stability

Remark: No decomposition if stored and applied as directed.

10.3 Possibility of Hazardous Reactions

Hazardous reactions Note: No decomposition if used as directed.

10.4 Conditions to Avoid

Conditions to Avoid Avoid contact with combustible material (paper, wool, oil) Contamination.

10.5 Incompatible Materials

Materials to Avoid Reducing agents.

10.6 Hazardous Decomposition Products

Hazardous decomposition Products: Sulphur Dioxide
Oxygen

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. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity:	Harmful if swallowed
Acute inhalation toxicity:	Not classified due to lack of data.
Acute dermal toxicity:	Not classified due to lack of data.
Skin Corrosion/Irritation:	May irritate skin.
Eye Irritation:	May cause irreversible eye damage.
Skin Sensitization:	Not classified due to lack of data.
Mutagenicity Assessment:	Not classified due to lack of data.
Carcinogenicity Assessment:	Not classified due to lack of data.
Reproductive Toxicity Assessment:	Not classified due to lack of data.
Target Organ Systemic toxicant:	Single Exposure: Not classified due to lack of data. Repeated Exposure: Not classified due to lack of data.
Aspiration toxicity:	No aspiration toxicity classification.
Toxicology Information:	No data available.

12. Ecological Information

12.1 Toxicity

Toxicity to fish:	No data available.
Toxicity to daphnia & other aquatic Invertebrates:	No data available.

12.2 Persistence and Degradability

Biodegradability:	No data available.
-------------------	--------------------

12.3 Bioaccumulation Potential

Bioaccumulation:	No data available.
------------------	--------------------

12.4 Mobility in Soil

Mobility:	No data available.
-----------	--------------------

12.5 Results of PBT and vPvB Assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other Adverse Effects

Additional ecological information:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic organisms
------------------------------------	---

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. Disposal Considerations

13.1 Waste Treatment methods

Product:	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated Packaging:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

14. Transport Information

Road/Rail

ADR UN Number:	3260
UN Proper Shipping Name:	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Pentapostassium-bis (peroxymonosulphate)-bis(sulphate))
ADR Hazard Class:	8
ADR Packing Group:	III
Classification Code:	C2
Hazard Identification No:	80
Labels:	8
Tunnel Restriction code:	(E)
Environmentally Hazardous:	No

Sea (IMDG)

IMDG UN Number:	3260
Description of the goods:	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Pentapostassium-bis (peroxymonosulphate)-bis(sulphate))
IMDG Hazard Class:	8
IMDG Pack Group:	III
Labels:	8
IMDG EmS No 1:	F-A
IMDG EmS No 2:	S-B
Marine Pollutant	No

Air (ICAO/IATA)

IATA UN Number:	3260
Description of the Goods:	corrosive solid, acidic, inorganic, n.o.s. (Pentapostassium-bis (peroxymonosulphate)-bis(sulphate))
IATA Hazard Class:	8
IATA Packing Group:	III

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.

Labels: 8
 Packaging Instruction (cargo) 823
 Environmentally Hazardous: NO
 Packing Instruction (passenger) 822 and Y822

RID

RID UN Number: 3260
 Description of the goods: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
 (Pentapostassium-bis (peroxymonosulphate)-bis(sulphate))
 Transport Hazard Class: 8
 Packing Group: III
 Classification Code: C2
 Hazard Identification No: 80
 Labels: 8
 Environmentally Hazardous: No

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Candidate List of Substances of Very High Concern for Authorisation: (REACH), Article 57). This product does not contain substances of very high concern (Regulation (EC) No 1907/2006)

Major Accident Hazard Legislation: 96/82/EC Update: 2003 Directive 96/82/EC does not apply.

Water contaminating class (Germany): WGK 1 slightly water endangering.

Notification status

US.TSCA: On TSCA Inventory.
 DSL: All components of this product are on the Canadian DSL list.
 AICS: On the inventory, or in compliance with the inventory.
 NZIoC: On the inventory, or in compliance with the inventory.
 ENCS: Not in compliance with the inventory.
 KECI: On the inventory, or in compliance with the inventory.
 PICCS: On the inventory, or in compliance with the inventory.
 IECSC: On the inventory, or in compliance with the inventory.

15.2 Chemical Safety Assessment

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.

16. Other Information

Full text of R-phrases specified in section 3

R22	Harmful if swallowed.
R34	Causes burns.
R41	Risk of serious damage to eyes.
R52	Harmful to aquatic organisms.

Full text of H-phrases specified in section 2 and 3

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.

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.