



Safety Data Sheet

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.

Creation Date 14.05.2009

Revision Date 05.08.2009

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1. Identification of Products

Name of Product: Bayroklar Duo Tabs
Product Code: 20 10 553 045 4.5Kg
Recommended intended Purpose(s): Product for disinfection and oxidation of pool water.

Distributed by: Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA | Tel: 01271 378100 | e-mail: swimmer@goldenc.com

2. Composition

Hazardous ingredients:

CAS No 70693-62-8
EC No 274-778-7
Name Pentapotassium-bis (peroxymonosulphate)-bis(sulphate)
[% weight] 91
Classification C R34; Xn R22

3. Hazard Identification

Classification:

Xn; R22
Xi; R41

R-phrases:

22 Harmful if swallowed.
41 Risk of serious damage to eyes.



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4. First Aid Measures

General information:

Remove contaminated soaked clothing immediately and dispose it safely. Take affected person into fresh air.

In case of inhalation:

Remove the casualty into fresh air and keep him immobile. In the event of symptoms, refer for medical treatment.

In case of skin contact:

In case of contact with skin wash off immediately with plenty of water. Consult a doctor if skin irritation persists.

In case of eye contact:

Medical treatment by eye specialist. In case of contact with eyes rinse thoroughly with water.

In case of ingestion:

Call for a doctor immediately. Rinse out mouth and give plenty of water to drink.

5. Fire Fighting Measures

Suitable extinguishing media:

Water

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

In case of fire formation of dangerous gases possible.

Special protective equipment for fire-fighters: Use breathing apparatus with independent air supply.

Wear full protective clothing.

Additional information:

Cool endangered containers with water spray jet.



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6. Accidental Release Measures

Personal precautions:

Avoid dust formation. Use personal protective clothing.

Environmental precautions:

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up:

Flush away residues with water. Take up mechanically and send for disposal.

7. Handling and Storage

Advice on safe handling:

No special measures necessary if used correctly. Do not return residues to the storage containers.

Advice on protection against fire and explosion:

The product is not combustible, but supports burning.

Advice on storage compatibility:

Do not store with combustible materials. Do not store together with food.

Further information on storage conditions:

Keep container dry, tightly closed and store at cool place. Do not keep at temperatures above 30°C.



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8. Exposure Controls / Personal Protection

Respiratory protection:

In case of dust formation, wear micro dust mask.

Hand protection:

Chemical-resistant gloves. Suitable materials (recommended: protection index 6, >480 minutes permeation time according to EN 374)

Nitrile-butadiene rubber (NBR) - 0.4 mm layer thickness.

Butyl rubber (butyl) - 0.7mm layer thickness.

In view of the many different types, the manufacturers' directions for use must be followed.

Eye protection:

Safety goggles.

General protective measures:

Avoid contact with the eyes.

Hygiene measures:

At work do not eat, drink and smoke. Wash hands before breaks and after work.



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9. Physical and Chemical Properties

Form:

Tablet

Colour:

White

Odour:

Odourless

Important health, safety and environmental information:

pH value in delivery state

Value:	2 - 3
Temperature:	20 °C
At:	10 g/l
Method:	potentiometric
Remark:	-

Solubility in water

Value:	250 g/l
Temperature:	20 °C
At:	-
Method:	-
Remark:	-



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10. Stability and Reactivity

Conditions to avoid:

- Reactions with combustible substances.
- Reactions with impurities.
- Reactions with reducing agents.
- Reactions with alkalies.

Hazardous decomposition products:

- Sulphur dioxide
- Oxygen

Thermal decomposition:

Remark Exothermic decomposition >70 °C



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11. Toxicological Information

Acute toxicity/Irritability/Sensitisation

LD 50 acute oral

Value/Validation:	1323 mg/kg
Species:	rat
Method:	-
Remark:	-

LD 50 acute dermal

Value/Validation:	> 11000 mg/kg
Species:	rabbit
Method:	-
Remark:	-

Irritability skin:

irritant

Irritability eye:

irritant - risk of strong eye injuries

Skin sensitisation:

non-sensitising

Experiences made from practice:

Irritates mucous membranes.

12. Ecological Information

General regulation:

In sewage the product decomposes into potassium bisulphate and oxygen.



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13. Disposal Considerations

Waste code No.

06 03 99

Name of waste:

Wastes not otherwise specified

Recommendations for the product:

In accordance with regulations for special waste, must be taken to a special waste disposal.

Recommendations for packaging:

Uncontaminated packaging may be taken for recycling.

Recommended cleansing agent:

Water.



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14. Transport Information

Land and inland navigation transport ADR/RID:

UN 3260 Corrosive Solid,
Acidic
Inorganic,
N.O.S. (Pentapotassium-bis(peroxymonosulphate)-bis(sulphate)),
8, III

Marine transport IMDG:

UN 3260 Corrosive Solid,
Acidic,
Inorganic,
N.O.S. (Pentapotassium-bis(peroxymonosulphate)-bis(sulphate)),
8, III

Air transport ICAO/IATA-DGR:

UN 3260 Corrosive solid,
Acidic,
Inorganic,
N.O.S. (Pentapotassium-bis(peroxymonosulphate)-bis(sulphate)),
8, III



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15. Regulatory Information

Remarks for classification:

The product is classified and labeled in accordance with EC directives/German regulations on dangerous substances.

Classification:

Xn Harmful

R-phrases:

22

Harmful if swallowed.

41

Risk of serious damage to eyes.

S-phrases:

17

Keep away from combustible material.

2

Keep out of the reach of children.

26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

39

Wear eye/face protection.

46

If swallowed, seek medical advice immediately and show this container or label.

56

Dispose of this material and its container to hazardous or special waste collection point.



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16. Other Information

Sources of key data used:

Results of own researches and examinations
Literature informations
Toxicity studies, NIOSH-Tox-Data
National legislation and regulation

Wording of the R-phrases specified in chapter 2

(not the classification of the formulation!)

R 22	Harmful if swallowed.
R 34	Causes burns.

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.