

1. Identification of the substance/preparation

Name of product	Bayroklar Tab. Rez.-Nr. 410502
Manufacturer/distributor	BioLab UK Unit 4, Andoversford Ind. Est., Andoversford, Cheltenham, Glos. GL54 4LB Phone 01242820969
Emergency advice	National Poisons Information Centre, Birmingham Centre, City Hospital, Birmingham B18 7QH Phone (+44) 121 507 4123

2. Composition/information on ingredients

Chemical characterization

Product for disinfection and oxidation of pool water. Contains: Triplesalt of potassium peroxymonosulphate, potassium bisulphate, potassium sulphate

Hazardous ingredients

CAS-No.	EC-No.	Name	[% weight]	Classification
70693-62-8	274-778-7	Pentapotassium-bis(peroxymonosulphate)-bis(sulphate)	> 90	C, R22-34 O, R8

3. Special hazards information for man and environment

R-phrases

41 Risk of serious damage to eyes.

4. First aid measures

General information

Remove contaminated soaked clothing immediately and dispose of 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

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

5. Fire-fighting measures

Suitable extinguishing material

Water

Special exposure hazards arising from the substance, combustible products or resulting gases

In case of fire formation of dangerous gases possible.

Special protective equipment for firefighters

Use breathing apparatus with independent air supply.

Wear full protective suit.

Additional information

Cool containers at risk with water spray jet.

6. Accidental release measures**Personal precautions**

Use personal protective clothing.

Environmental precautions

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

Methods for cleaning up/taking 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.

8. Exposure controls / personal protection**Hand protection**

Rubber gloves

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.

9. Physical and chemical properties**Form**

tablet

Colour

white

Odour

odourless

**Data relevant for safety**

	Value	Temperature	at	Method	Remark
pH value in delivery state	2 - 3	20 °C	10 g/l	potentiometric	
Solubility in water	250 g/l	20 °C			

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

11. Toxicological information**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
LD 50 acute oral	> 2000 mg/kg	rat		
Irritability skin	irritant			
Irritability eye	irritant			
Sensitization skin	non-sensitising			

12. Ecological information**Ecotoxicological effects**

	Value	Species	Method	Validation
Daphnia	EC50 5,3 mg/l (24 h)	Daphnia magna	OECD	

General regulation

In sewage the product decomposes into potassium bisulphate and oxygen

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



14. Transport information

Land and inland navigation transport (ADR/RID/GGVS/GGVE/ADNR)

Identification	CORROSIVE, ACIDIC, INORGANIC SOLID, N.O.S. Pentapotassium-bis(peroxymonosulphate)-bis(sulphate)
UN-No.	3260
Class	8
PG	III
Hazard No.	80

Marine transport IMDG/GGV See

Proper shipping name	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. Pentapotassium-bis(peroxymonosulphate)-bis(sulphate)
UN-No.	3260
Class	8
PG	III
EmS-No.	8-15

Air transport ICAO/IATA

Proper shipping name	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S: Pentapotassium-bis(peroxymonosulphate)-bis(sulphate)
UN/ID-No.	3260
Class	8
PG	III

15. Regulatory information

Remarks for classification

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

Classification

Xi Irritant

R-phrases

41 Risk of serious damage to eyes.

S-phrases

1/2 Keep locked up and out of reach of children.
17 Keep away from combustible material.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28 After contact with skin, wash immediately with plenty of water.
3 Keep in a cool place.
39 Wear eye/face protection.
46 If swallowed, seek medical advice immediately and show this container or label.
8 Keep container dry.

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.

R 8 Contact with combustible material may cause fire.