
1. Identification of the substance/preparation

Name of product	Bayroplus Rez.-Nr. 410170
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

Algicide for treatment of pool water. Contains: polyquats

3. Special hazards information for man and environment

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

In case of skin contact

In case of contact with skin wash off immediately with plenty of water.

In case of eye contact

In case of contact with eyes rinse thoroughly with water.

Refer to medical treatment.

In case of ingestion

If swallowed by mistake drink plenty of water and seek medical treatment.

5. Fire-fighting measures

Suitable extinguishing material

Water

Foam

Dry fire-extinguishing substance

Carbon dioxide

Sand

Special protective equipment for firefighters

Wear full protective suit.

Additional information

Cool containers at risk with water spray jet.

6. Accidental release measures

Personal precautions

Use personal protective clothing.

High risk of slipping due to leakage/spillage of product.

Environmental precautions

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds etc.

Methods for cleaning up/taking up

Take up with absorbent material.

Flush away residues with water.

7. Handling and storage**Advice on safe handling**

No special measures necessary if used correctly.

Advice on protection against fire and explosion

The product is not combustible.

No special measures necessary.

Requirements for storage rooms and vessels

Keep only in original container.

Advice on storage compatibility

Do not store together with animal feedstuffs.

Do not store together with food.

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

Rubber gloves

Eye protection

safety goggles

General protective measures

Avoid contact with the eyes.

Hygiene measures

Do not eat or drink when working.

Wash hands before breaks and after work.

9. Physical and chemical properties**Form**

liquid

Colour

blue

Odour

characteristic

Data relevant for safety

	Value	Temperature	at	Method	Remark
pH value in delivery state	ca. 7	20 °C	10 g/l	potentiometric	
Density	1,02 g/cm ³	20 °C		aerometric	
Solubility in water					multimiscible

10. Stability and reactivity

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



	Value/Validation	Species	Method	Remark
LD 50 acute oral	> 5000 mg/kg	rat		
Irritability eye	low irritant			

12. Ecological information

Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	The product can be largely eliminated from the water by abiotic processes, e.g. adsorption to activated sludge.			

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 20 mg/l	Golden orfe	OECD 203	

Behaviour in sewage plant

When low concentrations are discharged correctly into adapted biological sewage treatment plants, interference with the degradation activity of activated sludge is not likely.

! 13. Disposal considerations

Waste code No.	Name of waste
07 06 99	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)

Remarks

No hazardous material as defined by the prescriptions.

15. Regulatory information

Remarks for classification

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

S-phrases

1/2	Keep locked up and out of reach of children.
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.
37/39	Wear suitable gloves and eye/face protection.



BAYROL

Safety data-sheet (91/155 EEC)

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Bayroplus

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