

---

## 1. Identification of the substance/preparation

<b>Name of product</b>	<b>Bayroplus</b> Rez.-Nr. 410170
<b>Manufacturer/distributor</b>	BioLab UK Unit 4, Andoversford Ind. Est., Andoversford, Cheltenham, Glos. GL54 4LB Phone 01242820969
<b>Emergency advice</b>	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
<b>pH value in delivery state</b>	ca. 7	20 °C	10 g/l	potentiometric	
<b>Density</b>	1,02 g/cm <sup>3</sup>	20 °C		aerometric	
<b>Solubility in water</b>					multimiscible

**10. Stability and reactivity****11. Toxicological information****Acute toxicity/Irritability/Sensitization**



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

## 12. Ecological information

### Data on elimination (persistence and degradability)

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

### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>	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)

Printed 27.03.2003

Revision 22.11.2002

**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