

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Chloroquin-Diphosphat

Page 1 of 4

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### Product identifier

Chloroquin-Diphosphat  
Order-no. 6952

##### Use of the substance/mixture

Reagent for removing antibodies from the surface of sensitized red blood cells

##### Details of the supplier of the safety data sheet

Company name: BAG Diagnostics GmbH  
Street: Amtsgerichtsstr. 1-5  
Place: D-35423 Lich  
Telephone: +49 (0)6404 925-100  
Telefax: +49 (0)6404 925-460  
e-mail: [info@bag-diagnostics.com](mailto:info@bag-diagnostics.com)  
Contact person: Dr. Evelyn Sachsenberg  
Telephone: +49 (0)6404 925-217  
e-mail: [e.sachsenberg@bag-diagnostics.com](mailto:e.sachsenberg@bag-diagnostics.com)  
Internet: [www.bag-diagnostics.com](http://www.bag-diagnostics.com)

Emergency telephone number: Extern: +49 (0)6131-19-240 Medizinische Klinik der Universität Mainz  
Intern: +49 (0)171-2157379

#### SECTION 2: Hazards identification

##### Classification of the substance or mixture

This mixture is not classified as dangerous according to Directive 1999/45/EC.

##### GHS classification

This mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008.

##### Other hazards

No dangers to be mentioned. Please observe the safety information of the safety data sheet.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

##### Chemical characterization

Fluid solution of inorganic and organic components

##### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
200-055-2	Chloroquine bis (phosphate)	20 %
50-63-5	Xn - Harmful R20/22	
	Acute Tox. 4; H302	

Full text of R and H phrases: see Section 16.

##### Further Information

Contains no hazardous substance in concentrations requiring labelling according to EC directives currently in effect.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Chloroquin-Diphosphat

Page 2 of 4

#### SECTION 4: First aid measures

##### Description of first aid measures

###### **After inhalation**

Aerosols: Provide with fresh air. Seek medical advice.

###### **After contact with skin**

On contact with the skin, wash off immediately with soap and water. Seek medical advice.

###### **After contact with eyes**

On contact with the eyes, rinse the eyes with water with the eyelids open for a sufficient length of time, then seek medical (ophthalmological) advice immediately.

###### **After ingestion**

Rinse out mouth and then drink plenty of water. Seek medical advice.

#### SECTION 5: Firefighting measures

##### Extinguishing media

###### **Suitable extinguishing media**

Water. Foam. Dry powder. Carbon dioxide.

##### Special hazards arising from the substance or mixture

With heating up or in case of open fire poisonous gases are possible.

##### Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

##### Additional information

Do not inhale combustible gases.

#### SECTION 6: Accidental release measures

##### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid contact with skin and eyes.

##### Environmental precautions

Do not allow to enter drains/surface waters/groundwater. Treat recovered material as prescribed in "Disposal considerations".

##### Methods and material for containment and cleaning up

Take up buried product. Usual absorbing materials are sufficient.

#### SECTION 7: Handling and storage

##### Precautions for safe handling

###### **Advice on safe handling**

Observe the general safety regulations for laboratories. Wear suitable protective clothing, gloves and eye/face protection. Avoid skin and eye contact. Provide sufficient ventilation.

##### Conditions for safe storage, including any incompatibilities

###### **Requirements for storage rooms and vessels**

Storage at 2° - 8° C

#### SECTION 8: Exposure controls/personal protection

##### Control parameters

##### Exposure controls

###### **Protective and hygiene measures**

While working wear laboratory coats, eye protection and gloves. Always wash hands with water and

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Chloroquin-Diphosphat

Page 3 of 4

soap after test procedure. The glove material must be impervious against the product. Due to missing tests, no recommendations regarding the selection of the glove material can be given.

#### SECTION 9: Physical and chemical properties

##### Information on basic physical and chemical properties

Physical state: fluid  
 Colour: colourless  
 Odour: odourless

pH-Value: 5,1

##### **Changes in the physical state**

Melting point: no data available  
 Boiling point: no data available  
 Sublimation point: no data available  
 Softening point: no data available  
 Flash point: no data available  
 Water solubility: completely mixable

#### SECTION 10: Stability and reactivity

##### Reactivity

No information available

##### Chemical stability

No information available

##### Possibility of hazardous reactions

No information available

##### Conditions to avoid

Strong heating above room temperature

##### Incompatible materials

No information available

##### Hazardous decomposition products

No information available

#### SECTION 11: Toxicological information

##### Information on toxicological effects

##### **Acute toxicity**

No harmful effects reported.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
50-63-5	Chloroquine bis (phosphate)				
	oral	ATE	500 mg/kg		

##### **Additional information on tests**

Handled properly, no toxic effects are expected.  
 The product has to be handled with the caution usual for chemicals.

#### SECTION 12: Ecological information

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Chloroquin-Diphosphat

Page 4 of 4

#### Toxicity

slightly water contaminating

#### Persistence and degradability

No data available

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Results of PBT and vPvB assessment

No data available

### SECTION 13: Disposal considerations

#### Waste treatment methods

##### **Advice on disposal**

There are no standardized regulations in EEC for disposal and/ or residual substances. Chemicals, which result as residual substances, are usually hazardous waste. Their removal is regulated by appropriate laws and/ or regulations of the EEC-Member countries as well as for the Federal Republic of Germany. Please contact the competent authority (e.g. waste disposal enterprises).

### SECTION 14: Transport information

#### **Other applicable information**

The product is not subordinated to the transportation regulation.

### SECTION 15: Regulatory information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

##### **National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

##### **Additional information**

The product is not a hazardous preparation according to Directive 67/548/EEC, 1999/45/EC and Regulation 1272/2008/EC (GHS)

### SECTION 16: Other information

#### **Full text of R phrases referred to under Sections 2 and 3**

Harmful by inhalation and if swallowed.

#### **Full text of H statements referred to under Sections 2 and 3**

Harmful if swallowed.

#### **Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

#### **Disclaimer**

For in-vitro-diagnostic use only.