

JULABO Labortechnik GmbH

Date printed: 13.08.2008, Revision: 13.08.2008

Page 1 / 5

1 Identification of the substance / preparation and of the company

Product: Aqua-stabil
Registration number: not applicable
Use: Water disinfectant
Identified use: Biocide
Method of operation: See product information.
Company: JULABO Labortechnik GmbH
 Eisenbahnstrasse 45
 77960 Seelbach / Germany
Phone: +49 (0)7823 510
Fax: +49 (0)7823 2491
Homepage: www.julabo.de
E-mail: info@julabo.de
Emergency phone: +49 (0) 89-19240 (24h)
Responsible: Simonavicius@chemiebuero.de

2 Hazards identification

Physico-chemical hazards: No particular hazards known.
Human health dangers: May produce an allergic reaction.
Environmental hazards: See R-phrases.
Other hazards: none
Hazard symbols:
 not applicable
R-phrases:
 May produce an allergic reaction.
 R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3 Composition / Information on ingredients

Polymeric biguanide hydrochloride	0,1 - < 0,25%
Xn-N, R22-38-41-43-50/53 CAS: 27083-27-8, EINECS/ELINCS: Polymer, EU-INDEX: , ECBnr:	
Polymeric N,N-Dimethyl-2-hydroxypropylammoniumchloride	0,25 - < 2,5%
N, R50/53 CAS: 25988-97-0, EINECS/ELINCS: Polymer, EU-INDEX: , ECBnr:	

Comment on component parts:

For the wording of the listed risk phrases refer to section 16.

4 First aid measures
General information:

Change soaked clothing.

Inhalation:

Ensure supply of fresh air.

In the event of symptoms seek for medical treatment.

Skin contact:

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

Eye contact:

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

Ingestion:

Consult a doctor immediately.

Do not induce vomiting.

Rinse out mouth and give plenty of water to drink.

Advice to doctor:

Treat symptomatically.

JULABO Labortechnik GmbH

Date printed: 13.08.2008, Revision: 13.08.2008

Page 2 / 5

5 Fire-fighting measures**Suitable extinguishing media:**

Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.

Extinguishing media that must not be used:

Full water jet.

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

Unknown risk of formation of toxic pyrolysis products.

Special protective equipment for firefighters:

Use self-contained breathing apparatus.

Additional information:

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

6 Accidental release measures**Personal precautions:**

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

Environmental precautions:

Prevent spread over a wide area (e.g. by containment or oil barriers).

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

Methods for cleaning up:

Take up with absorbent material (e.g. general-purpose binder).

Dispose of absorbed material in accordance within the regulations.

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

No special measures necessary if used correctly.

Advice on protection against fire and explosion:

No special measures necessary.

Requirements for storage rooms and vessels:

Keep only in original container.

Advice on storage compatibility:

No special measures necessary.

Further information on storage conditions:

Keep container tightly closed.

8 Exposure controls / personal protection**Additional advice on system design:**

Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored:

(not applicable)

Respiratory protection:

not applicable

Hand protection:

Butyl rubber, >120 min (EN 374).

Eye protection:

Safety glasses.

Skin protection:

not applicable

General protective measures:

Avoid contact with eyes and skin.

Hygiene measures:

Do not eat, drink, smoke or take drugs at work.

Wash hands before breaks and after work.

Use barrier skin cream.

Delimitation and monitoring of the environmental exposition:

not applicable

JULABO Labortechnik GmbH

Date printed: 13.08.2008, Revision: 13.08.2008

Page 3 / 5

9 Physical and chemical properties

Form:	liquid
Color:	bluish
Odor:	characteristic
pH-value [1%]:	not determined
pH-value:	not determined
Boiling point [°C]:	not determined
Flash point [°C]:	not applicable
Flammability [°C]:	not applicable
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Oxidizing properties:	no
Vapour pressure [kPa]:	not determined
Density at [°C]:	
Density [g/ml]:	not determined
Bulk density [kg/m³]:	not applicable
Solubility in water:	miscible
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	not applicable
Relative vapour density determined in air:	not applicable
Evaporation speed:	not applicable
Melting point [°C]:	not determined
Autoignition temperature:	not applicable
Decomposition temperature:	not determined

10 Stability and reactivity
Hazardous reactions:

No hazardous reactions known.

Hazardous decomposition products:

No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	none
General remarks:	Toxicological data are not available.

No classification on the basis of the calculation procedure of the preparation directive.

JULABO Labortechnik GmbH

Date printed: 13.08.2008, Revision: 13.08.2008

Page 4 / 5

12 Ecological information

Fish toxicity:	not determinated
Daphnia toxicity:	not determinated
Behaviour in environment compartments:	not determinated
Behaviour in sewage plant:	not determinated
Bacteria toxicity:	not determinated
Biological degradability:	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
COD:	not determinated
BOD 5:	not determinated
AOX-advice:	No dangerous components.
2006/11/EC:	yes
General information:	The product was classified on the basis of the calculation procedure of the preparation directive.

13 Disposal considerations

Product:	Dispose of as hazardous waste.
Contaminated packaging:	Uncontaminated packaging may be reused.
Waste no. (recommended):	070601*,

14 Transport information

Classification according to ADR:	no dangerous goods ,
- Classification Code:	
- Label:	
- ADR Limited Quantities:	
Classification according to IMDG:	not classified as "Dangerous Goods" - -
- EMS:	
- Label:	
- IMDG Limited Quantities:	
Classification according to IATA:	not classified as "Dangerous Goods"
- Label:	

JULABO Labortechnik GmbH

Date printed: 13.08.2008, Revision: 13.08.2008

Page 5 / 5

15 Regulatory information

Exposure scenario:	not applicable
Chemical safety report:	not applicable
Labelling:	The product is classified and labelled in accordance within EC-directives.
Hazard symbols:	not applicable
Contains:	Polymeric biguanide hydrochloride
R-phrases:	May produce an allergic reaction. R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases:	S 35: This material and its container must be disposed of in a safe way.
Special labelling:	none
Biocide (98/8/CE) contains:	0,97% Polymeric N,N-Dimethyl-2-hydroxypropylammoniumchloride 0,146% Polymeric biguanide hydrochloride
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable
EEC-REGULATIONS:	1967/548 (2004/73, 29. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
TRANSPORT-REGULATIONS:	ADR (2007); IMDG-Code (33. Amdt.); IATA-DGR (2008).
NATIONAL REGULATIONS	EH40/2005 Workplace exposure limits with amendments October 2007.

16 Other informations

R-phrases (Chapter 03):	R 41: Risk of serious damage to eyes. R 43: May cause sensitisation by skin contact. R 38: Irritating to skin. R 22: Harmful if swallowed. R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Observe employment restrictions for people:	yes
VOC (1999/13/CE):	0%
Customs Tariff:	not determinated

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

<http://www.chemiebuero.de> Tel. +49(0)941-566-398(-792) Fax. +49(0)941-566-994 eMail: info@chemiebuero.de

chm00011 GB