

Safety data sheet eyewash bottle BARIKOS



In accordance with Regulation (EC) No.
1907/2006 (REACH) date of preparation / as of:
20.01.2016 Version 1.0

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SECTION 1: Designation of the substance or mixture and the company

1.1. Product identifier

Trade name: Eyewash bottle BARIKOS KS
Other information: Eyewash bottle BARIKOS KS is a class 1 medical product in accordance with Council Directive 93/42/EEC of 1993 for medical products. No safety data sheet is required for this product according to this directive.

Article no.

Art- no.	Description
954004	Eyewash bottle BARIKOS KS with red spray head, riser pipe, overflow and tipping valve, also for use with reclining persons, shelf life of 2 years in sealed condition, in accordance with DIN EN 15154-4: 2009-07 (emergency safety wash – Part 4: Eye washes without water connection), CE mark according to the Medical Products Act, Filling volume: 620 ml

1.2. Relevant identifiable applications of the substance or mixture and applications which are advised against

Recommended application: Washing out foreign bodies and chemicals from eyes

1.3. Details of the supplier who prepared the safety data sheet

Manufacturer:

Company: BartelsRieger Atemschutztechnik GmbH
Address: Richard-Byrd-Straße 23
Postcode: 50829 Köln-Ossendorf
Country: Deutschland
Email: barikos@bartels-rieger.de
Tel.: +49 (0)221 / 59777-0
Fax: +49 (0)221 / 59777-159

1.4. Emergency number:

Poison emergency number Bonn: +49 228 19240 available 24 hours a day

SECTION 2: Possible hazards

2.1. Classification of substance or mixture

CLP-Classification: The product does not meet the criteria for classification according to Regulation (EC) No 1272/2008 / EC (CLP) and is therefore not classified as dangerous.

2.2. Label elements

Additional information:

No label in accordance with Regulation (EC) No 1272/2008

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2.3. Other hazards

No additional information is available.

SECTION 3: Composition / details of the components

3.1. Substance

Subs	CAS Number	EC No.	
Water	7732---18-	231---791-	

For the full text of R and H sentences, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General: No particular precautionary measures are necessary. The product does not release any hazardous fumes.
Inhaling:
Swallowing: Non applicable
Skin contact: Non applicable
Eye contact: Non applicable

4.2. Most important symptoms and effects, both acute and delayed

Non applicable

4.3. Indication of any immediate medical attention and special treatment needed

Non applicable

SECTION 5: Fire fighting measures

5.1. Extinguishing agents

Suitable extinguishing agents: The product is not directly flammable. Choose the fire extinguishing agent according to the respective fire.

5.2. Special hazards arising from the substance or mixture

No hazards

5.3. Notes on fire fighting

No particular notes

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SECTION 6: Measures in the case of accidental release

6.1. Personal precautions, protective equipment and emergency procedures

Not for emergencies

trained staff: No particular precautionary measures are necessary.
emergency personnel: No particular measures are necessary.

6.2. Environmental protection measures

Not necessary

6.3. Methods and materials for retention and cleaning

Spilled substance with rags or other absorbent material

6.4. Reference to other sections

Section 8 details the type of protective equipment. Information on disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No particular measures are necessary.

7.2. Conditions for safe storage, taking account of any incompatibilities

Storage temperature: 5---35 °C.

Do not re-use unsealed, opened bottles because of the risk of germs.

7.3. Specific end applications

First aid in the case foreign bodies or chemicals get into eyes

SECTION 8: Exposure controls / personal protective equipment

8.1. Parameters to be monitored

Occupational

Exposure limit: Receives no reports (hazardous) substances
Legal basis: Limit values in the air at the workplace 'Air limit values' TRGS 900
Other information: No special access control is required.

8.2. Exposure control

In use for first-aiders: Wear the personal protective equipment suitable for the specific application.

Personal protective equipment,

Eye / Face protection: Not necessary.

Personal

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protective equipment,

Hand protection: Not necessary.

Personal protective equipment,

Skin protection: Not necessary.

Personal protective equipment,

Respiratory protection: Not necessary.

Exposure control

re. environment: Ensure compliance with local emission regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Color	clear colorless
Oder	neutral
Solubility	Soluble in the following: Water
Explosive properties:	Not explosive
Oxidative properties:	N/A

Parameter	Value/unit	Remarks
pH (solution for use)	6.5 --- 7.5	
pH (concentrate)	No data	
Melting point	0.0 °C	
Freezing point	0.0 °C	
Boiling point and boiling range:	100 °C	
Flash point	No data	
Evaporation rate	No data	
Flammability (solid, gaseous)	No data	
Flammability limit	No data	
Explosion limit	No data	
Vapor pressure	No data	
Vapor density	No data	
Relative density	No data	
Distribution coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odor threshold	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Density	1002.5kg/m ²	

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SECTION 10: Stability and reactivity

10.1. Reactivity

In case of intended use, not reactive.

10.2. Chemical stability

The product is stable as long as it is used according to the manufacturer's instructions.

10.3. Possible hazardous reactions

10.4. Conditions to be avoided

Keep away from sources of heat (e.g. sunlight)

10.5. Incompatible materials

Not known

10.6. Hazardous decomposition products

Not known

SECTION 11: Toxicology information

11.1. Information on toxicological effects:

Acute toxicity - oral:	No	classification
Acute toxicity - dermal:	No	classification
Acute toxicity - inhalation:	No	classification
Corrosive/irritant for the skin:	No	classification
Serious eye damage/ Eye irritation:	No	classification
Sensitization of the airways or the skin:	No	classification
Germ cell mutagenicity:	No	classification
Carcinogenic Properties:	No	classification
Reproductive toxicity:	No	classification
single STOT exposure:	The product does not release any hazardous fumes. None Classification	
repeated STOT Exposure:	No	classification
Aspiration hazard:	No	classification

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SECTION 12: Environmental information

12.1. Toxicity:

No classification

12.2. Persistence and degradability

Biologically degradable.

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

Non applicable

12.5. Results of the PBT- and vPvB assessment

No assessment necessary.

12.6. Other harmful effects

Not known.

SECTION 13: Notes on disposal

13.1. Waste treatment methods

Contact the local authorities.

Empty packaging should be sent to be recycled. 15 01 02

Plastic packaging

SECTION 14: Information on transport

14.1. UN number:	Non applicable	14.4. Packaging group:	Non applicable
14.2. UN proper shipping name:	Non applicable	14.5. Environmental hazards:	Non
14.3. Transport hazard class:	applicable Non applicable		

14.6. Special precautions for user

No

14.7. Bulk transport in accordance with Annex II to the MARPOL 73/78 Convention and in accordance with IBC code

Non applicable.

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SECTION 15: Legal regulations

15.1. Safety, health and environmental regulations / specific Legal regulations for the substance or mixture

Special regulations: This product is a medical product in accordance with EU directive 93/42/EEC and is therefore not covered by Regulation (EC) No 1272/2008 on the classification, labeling and packaging of substances and mixtures, see Article 1 (5d). Pursuant to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Chapter 1, Articles 2, 6c, Title IV requirements for safety data sheets does not apply to medical products. It is therefore not necessary to produce a safety data sheet for the above product.

15.2. Chemical safety assessment

Other information: A chemical safety assessment has not been carried out.

SECTION 16: Other information

R and H sentences: Not a dangerous substance according to GHS

Other information: The product is intended for use as a first aid measure . Then immediately seek medical advice.
Method of application for first-aiders:

- Remove the sealing cap
- Bend over the bottle or hold bottle over the affected eye
- Press the spray head lightly against the eye socket, keep the eye open and rinse thoroughly by repeatedly pressing in on the bottle walls
- In the case of chemical burns in particular, continue rinsing up until medical care, if necessary with several eyewash bottles

The first few seconds after an accident, in which eyes were exposed to dangerous substances, are crucial to limit the injury as much as possible. Therefore eye washing must be started immediately after an accident!

If when using this product, you experience any inconvenience or undesirable side effects, please report this to BartelsRieger Atemschutztechnik GmbH, mail@barikos.de or call +49 221 59777-0, so that necessary remedial measures can be taken and the reporting obligation for serious adverse effects pursuant to Annex VII, 4. of the Regulation can be met. Serious

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adverse side effects must always be reported to the to the competent authority of the Member State where the effect has occurred.

For further information, you can contact mail@barikos.de or telephone +49 (0)221 59777-0.

Date: 20.01.2016