

Safety Data Sheet according to Regulation (EC) No 1907/2006

Changed by regulation (EU) Nr. 453 / 2010

Date of validation: 05.03.2020

1. Identification of the substance/mixture and of the company

1.1. Product identifier

Product line:

Bionost®, Biosave®, Biosorb®, Diagnos®

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:

Products for the detection of antibodies or antigens in samples of human or animal source. They are intended for in vitro diagnostic use only.

Uses advised against:

Don't swallow, avoid any contact with skin and mucous membranes.

1.3. Details of the supplier

Supplier:

Bios GmbH Labordiagnostik Beratung und Vertrieb

Hofmannstr. 7

D-81379 München

Germany

Contact for technical information:

Phone: +49-89-78020599-0

e-mail: bios@bios-world.com

www.bios-world.com

1.4. Emergency Phone Number

Phone: +49-89-78020599-0

2. Hazards identification

2.1. Classification of the mixtures

The listed products may contain sodium azide in a concentration up to 0,1%, but they must not be categorized as **hazardous materials**.

3. Composition/information on ingredients

3.1. Substance

Stabilizer: Sodium azide; concentration 0,09 - 0,1%

Formula: NaN₃

EG-Index-Nr.: 011-004-00-7

EG-Nr. 247-852-1

CAS-Nr: 26628-22-8

3.2. Mixture

The mixtures do not contain any additional hazardous substances.

4. First aid measures

4.1. Description of first aid measures

Eye contact: wash with plenty of water

Skin contact: put off contaminated clothes. Wash skin with plenty of water

Inhalation: remove to fresh air

Ingestion: drink plenty of water, call for a doctor

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

Irritating effects, shortness of breath, vertigo, nausea, vomit

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

No information available

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Fire extinguisher: mist jet of water, foam fire-extinguishing agent, dry chemical fire extinguisher or carbon dioxide

5.2. Special hazards arising from the mixture

Exposure level of air pollutants: in case of fire there could develop poisonous vapor

Unknown products of decay

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus and protective clothing.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Protective coat, protective gloves, safety spectacles. Do not inhale steams.

6.2. Environmental precautions

Material must be disposed off in compliance with the applicable legal regulations.

6.3. Methods and material for containment and cleaning up

Cleaning protective measure: pick up with suitable water-moist material and dispose of in a corresponding trash can.

6.4. Reference to other sections

For waste disposal refer to section 13

7. Handling and storage

7.1. Precautions for safe handling

Don't swallow and avoid any contact with eyes, skin and mucous membranes.

Please wear protective gloves, eye protection and protective coat. Wash your hands after work.

7.2. Conditions for safe storage, including any incompatibilities

Store the products at the temperature specified on the label, in most cases 5–10°C or at room temperature (avoid sun light and keep away from heaters, do not freeze the products).

7.3. Specific end uses

The products are only delivered to qualified laboratories. The products are used only by qualified personnel. Safety instructions should always be followed.

There are no more specific uses beside the uses in section 1.2.

8. Exposure controls/personel protection

8.1. Control parameters

The products are no dangerous substances; there are no limiting values for workplace exposure.

8.2. Exposure controls

Technical protective measure:

Measures and use of qualified work procedures take precedence of personel protective equipment.
Refer to section 7.1.

Personal protective equipment:

Hand protection: wear single-use gloves

Eye protection: wear safety spectacles

Skin protection: wear protective coat

Breathing protection: normally not necessary

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: colorless liquids; 222030-K is colored blue

Odor: odorless

9.2. Other information

None

10. Stability and reactivity

10.1. Reactivity

No reactivity

10.2. Chemical stability

The products are stable under normal environment conditions

10.3. Possibility of hazardous reactions

Hazard of explosion and/or formation of poisonous gas with copper, lead, acids

10.4. Conditions to avoid

Strong heating

10.5. Incompatible materials

Heavy metal

10.6. Hazardous decomposition products

No information available

11. Toxicological information

11.1. Information on toxicological effects

No information available

11.2. Other information

Use products with care, actual Good Laboratory Practice rules (GLP guide lines) should always be followed.

12. Ecological information

12.1. Toxicity

No information available

12.1. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT- and vPvB assessment

PBT/vPvB assessment is not available, because assessment of safety is not necessary.

12.6. Other adverse effects

No other adverse effects

13. Disposal considerations

13.1. Waste treatment methods

Residual amount of product and contaminated packaging must be disposed off in compliance with the applicable national and regional legal regulations.

14. Transport information

There is no need for precautions.

14.1. UN-Number

None

14.2. UN Proper shipping name

None

14.3. Transport hazard class

None

14.4. Packing group

None

14.5. Environmental hazards

No information available

14.6. Special precautions for user

No information available

15. Regulatory information

This safety data sheet meets the requirements of regulations (EC) Nr. 1907/2006

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

No information available

15.2. Chemical safety assessment

Chemical safety assessment was not carried out.

Bios GmbH Labordiagnostik Beratung und Vertrieb

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16. Other information

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The information contained herein is based on the present state of our knowledge and legal regulations, but claims not to be complete.

The safety data sheet characterizes the products with regard to the appropriate safety instructions. It does not represent a guarantee of any special product features .

Bios Labordiagnostik GmbH shall not be considered liable for any injury or damage resulting from handling of or from contact with the above specified products.