

Material safety data sheet

According to the Regulation (EC) No: 1907/2006

Date: September 15, 2021

Former Date: April 29, 2021

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Product name	Monoclonal antibodies with a buffer containing sodium azide (NaN ₃)
Product number	100000-169999; 700000 – 709999
REACH registration number	No registration according to the Regulation (EC) 1907/2006 article 6.

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

Intended uses	Raw material for in vitro diagnostic use.
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1.3 Details of the supplier of the safety data sheet

Company	Oy Medix Biochemica Ab
Street Address	Klovinpellontie 3
Postcode and post office	FI-02180 ESPOO FINLAND
Telephone	+358-9-547680
E-mail	medix@medixbiochemica.com

1.4 Emergency telephone number

Your local emergency telephone number.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

No classification. The product is not considered dangerous according to the Regulation (EC) 1272/2008.

2.2 Label elements

The product is not considered dangerous according to the Regulation (EC) 1272/2008.

2.3 Other hazards

The product is not considered dangerous according to the Regulation (EC) 1272/2008.

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS**3.1 Mixtures**

Name of the ingredient	CAS-, EC- or index number	REACH registration number	Concentration	Classification
Sodium azide	CAS 26628-22-8 EC 247-852-1	Information not available according to the Regulation (EC) 1907/2006	< 0,1%*	EC 1272/2008: Acute toxicity, category 2, H300 Acute toxicity, category 2, H330 Acute toxicity, category 1, H310 STOT RE 2, H373 Acute aquatic hazard, category 1, H400 Chronic aquatic hazard, category 1, H410 M-factors: Short-term (immediate) danger for the aquatic environment: 1

*According to (EC) 1272/2008 mixture is not considered hazardous when containing < 0,1% Toxic (category 1-3) or hazardous substance to aquatic environment (category 1 or chronic category 1).

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures****General advice:**

No specific advices for the product. Contact a doctor if necessary.

If inhaled:

Remove to fresh air.

In case of skin contact:

Wash off with plenty of water. Remove contaminated clothing.

In case of eye contact:

Rinse out with plenty of water with eyelid held wide open. Contact an ophthalmologist if necessary.

If swallowed:

Rinse the mouth with water. Contact a doctor if necessary.

4.2 Most important symptoms and effects, both acute and delayed

Information not available for the product.

4.3 Indication of any immediate medical attention and special treatment needed

Information not available for the product.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Water, carbon dioxide (CO₂), foam, dry powder.

5.2 Special hazards arising from the substance or mixture

Information not available for the product.

5.3 Advice for firefighters

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Information not available for the product.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Information not available for product.

6.2 Environmental precautions

Information not available for the product.

6.3 Methods and material for containment and cleaning up

Information not available for the product.

6.4 Reference to other sections

Indications about waste treatment, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Observe label for precautions.

7.2 Conditions for safe storage, including any incompatibilities

See product label for proper storage temperature.

7.3 Specific end use(s)

See section 1.2.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parametres

Information not available for the product.

8.2 Exposure controls

Engineering controls

Information not available for the product.

Eye/face protection

Information not available for the product.

Skin protection

Information not available for the product.

Hand protection

Information not available for the product.

Respiratory protection

Information not available for the product.

Thermal hazards

Information not available for the product.

Environmental exposure controls

See section 13.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information of basic physical and chemical properties

Appearance

Colourless liquid

Odour	Information not available for the product
Odour threshold	Information not available for the product
pH	Specified in Product specification sheet of each product if available
Melting point / freezing point	Information not available for the product
Initial boiling point and boiling range	Information not available for the product
Flash point	Information not available for the product
Evaporation rate	Information not available for the product
Flammability (solid, gas)	Information not available for the product
Upper/lower flammability or explosive limits	Information not available for the product
Vapour pressure	Information not available for the product
Vapour density	Information not available for the product
Relative density	Information not available for the product
Solubility(ies)	Information not available for the product
Partition coefficient; n-octanol/water	Information not available for the product
Auto-ignition temperature	Information not available for the product
Decomposition temperature	Information not available for the product
Viscosity	Information not available for the product
Explosive properties	Information not available for the product
Oxidising properties	Information not available for the product

9.2 Other information
Information not available for the product.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Information not available for the product.

10.2 Chemical stability
Stable under recommended storage conditions. See product label for proper storage temperature.

10.3 Possibility of hazardous reactions
Information not available for the product.

10.4 Conditions to avoid
Information not available for the product.

10.5 Incompatible materials
Information not available for the product.

10.6 Hazardous decomposition products
Information not available for the product.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity
Information not available for the product.
Irritation

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Information not available for the product.

Corrosivity

Information not available for the product.

Sensitisation

Information not available for the product.

Repeated dose toxicity

Information not available for the product.

Carcinogenicity

Information not available for the product.

Mutagenicity

Information not available for the product.

Toxicity for reproduction

Information not available for the product.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The product is not considered dangerous to environment according to Regulation (EC) 1272/2008.

12.2 Persistence and degradability

Information not available for the product.

12.3 Bioaccumulative potential

Information not available for the product.

12.4 Mobility in soil

Information not available for the product.

12.5 Results of PBT and vPvB assessment

Information not available for the product.

12.6 Other adverse effects

Information not available for the product.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Local waste disposal regulations should be followed.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

Information not available for the product.

14.2 UN proper shipping name

Information not available for the product.

14.3 Transport hazard classes

Information not available for the product.

14.4 Packing group

Information not available for the product.

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14.5 Environmental hazards

Information not available for the product.

14.6 Special precautions for user

Information not available for the product.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Information not available for the product.

SECTION 15: REGULATORY INFORMATION

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

Information not available for the product.

15.2 Chemical safety assessment

Information not available for the product.

SECTION 16: OTHER INFORMATION

Changes to previous version

Section 1.1 was updated and more product numbers were included. Section 9.1 wording for pH was updated.

Abbreviations and acronyms

Not applicable.

Literature references and sources for data

Suppliers MSDS of sodium azide (Finnish version 12.0, English version 4.0, Revision Date: 4.2.2019)

Methods used for classification

Regulation (EC) 1272/2008.

Hazard and precautionary statements

H300: Fatal if swallowed

H310: Fatal in contact with skin

H330: Fatal if inhaled

H373: May cause damage to organs through prolonged or repeated exposure

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

Training advice

See section 1.3.

Disclaimer

The information provided in this Safety Data Sheet is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions and is not to be considered a warranty or quality specification. The information is believed to be correct at the date of publishing, but they are mentioned as guidelines and do not absolutely guarantee all properties of the product. Information above is not legally binding and Oy Medix Biochemica Ab is not responsible for any harm related to use or handling of the product.