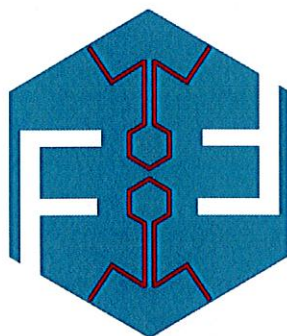






Safety Data Sheet

Nuclease MB


FAGOFARMA

 Facility Ostrava:
 VTP, Dr. Slabihoudka 11
 708 00 Ostrava

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SAFETY DATA SHEET (SDS)

according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifiers**

Product Name: **Nuclease MB**
Product Number: -
Reach Number: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

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

Identified uses: for laboratory use, production of substances
Uses advice against: not specified

1.3 Details of the supplier of the safety data sheet

Company: FAGOFARMA s.r.o.
Londýnská 730/59
120 00 Praha 2
Czech Republic
Telephone: + 420 604 912 940
E-mail address: stverakova@mbph.cz

1.4 Emergency Telephone: + 420 224 919 293 or + 420 224 915 402

(Toxikologické informační středisko, Na Bojišti 1771/1, 120 00
Nové Město), 24 hr

SECTION 2: Hazard identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 (CLP)**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.2 Label element

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.3 Other hazards

This product does not contain components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1 % or higher.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable.

3.2 Mixture

No components need to be disclosed according to the applicable regulations.

SECTION 4: First aid measures**4.1 Description of first-aid measures****General advice**

Consult a doctor. Provide this SDS to medical personnel for treatment.

Inhalation

In case of inhalation, remove to fresh air.

Skin contact

Take off immediately all contaminated clothing. Rinse skin with water or shower.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses.

Ingestion

Make the victim drink water (two glasses at most). Contact doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling, see Section 2.2 and/or in Section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Not specified.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances.

Unsuitable extinguishing media

Not specified.

5.2 Special hazards arising from the substance or mixture

No data.

5.3 Advice for firefighters

When extinguishing, use a closed-circuit breathing apparatus if necessary.

5.4 Further information

No data.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment, and emergency procedures**

Use appropriate protective equipment. It is necessary to exclude the presence of dust. Do not inhale the dust. Provide adequate ventilation. For personal protection see Section 8.

6.2 Environmental precautions

Do not allow to enter drains.

6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Cover drains. Take up with liquid-absorbent disposable towels and clean up with a suitable disinfectant. Place in an appropriate waste disposal container.

6.4 Reference to other sections

Disposal according to Section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid dust and aerosol generation. Adequate ventilation must be ensured in the event of dust formation. Do not eat, drink, or smoke while working.

Prevention see Section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly closed container. Store at a temperature -20 °C.

7.3 Specific end use(s)

Apart from the uses mentioned in Section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

General safety and hygiene measures. Do not eat, drink, or smoke while working. Before a work break and after work, wash your hands with warm water and soap. General and local ventilation, effective extraction.

Personal protective equipment**Respiratory protection**

Use a breathing mask with a suitable filter when dusting or creating an aerosol. Dust masks are recommended when the total dust concentration is above 10 mg/m³.

Hand protection

Wear protective gloves. Please follow the glove supplier's instructions regarding permeability and breakthrough time. Also consider the specific local conditions under

which the product is used. Suitability for the relevant workplace should be discussed with the protective glove manufacturers.

Eye/face protection

A bottle of clean water for eyes washes. Well-sealed safety glasses. Use a face shield and protective clothing in case of processing problems.

Skin and body protection

Choose personal protective equipment according to the amount and concentration of the hazardous substance in the workplace. Before a work break and after work, wash your hands with warm water and soap.

General hygiene considerations

Do not drink or eat during use. Do not smoke while using. Wash and disinfect hands thoroughly after handling. Avoid contact with eyes, skin, or clothing.

Environmental exposure controls

Take preventive measures to prevent the product from entering the canalization. Prevent further leakage or spillage if not associated with risk. Local authorities should be notified in the event of a release of a significant of substance that cannot be captured.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Physical state:	solution
b) Colour:	yellowish/brownish slightly turbid
solution	
c) Odour:	odourless
d) Odour threshold:	no data available
e) pH:	4-6
f) Melting point/freezing point:	0 °C
g) Boiling point or initial boiling point and boiling range:	100 °C
h) Flammability (solid, gas):	non-flammable
i) Upper/lower flammability or explosive limits:	non-flammable, non-explosive
j) Flash point:	no data available
k) Auto-ignition temperature:	non-flammable
l) Decomposition temperature:	no data available
m) Viscosity:	no data available
n) Water solubility:	no data available
o) Partition coefficient n-octanol/water:	no data available
p) Vapor pressure:	no data available
q) Density:	no data available
Relative density:	1
r) Relative vapor density:	no data available
s) Particle characteristics:	no data available
t) Explosive properties:	non-explosive

u) Oxidizing properties: non-oxidizing

9.2 Other safety information

No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No dangerous reactions are known when used under normal conditions.

10.2 Chemical stability

The product is stable under normal environmental conditions during storage and handling.

10.3 Possibility of hazardous reactions

No dangerous reactions are known when used under normal conditions.

Additional information: Decomposition does not occur if the specified method of storage and use is followed.

10.4 Conditions to avoid

Direct heat sources.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008****Acute Toxicity**

Oral: No data available.

Inhalation: Irritating to respiratory organs.

Dermal: No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No ingredients of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available.

Specific target organ toxicity - single exposure

Inhalation – may cause respiratory tract irritation.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.

11.2 Information on other hazards**Endocrine disrupting properties**

Assessment – this product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This product does not contain components considered either persistent, bioaccumulative and toxic (PBT) or highly persistent and highly bioaccumulative (vPvB) in a concentration of 0.1% or higher.

12.6 Endocrine disrupting properties

This product does not contain endocrine disruptors in a concentration of 0.1% by weight or higher.

12.7 Other adverse effects

Not determined.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Waste from leftovers/unused products**

It should not be released into the environment. Dispose of in accordance with local regulations.

Contaminated packaging

Contaminated packaging must be disposed of by originator of waste in accordance with applicable regional, national, and local laws and regulations.

SECTION 14: Transport information**14.1 UN number**

ADR/RID: there is no dangerous good in terms of transport

IMDG: there is no dangerous good in terms of transport

IATA: there is no dangerous good in terms of transport

14.2 UN proper shipping name

ADR/RID: -

IMDG: -

IATA: -

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information**15.1 Safety, health, and environmental regulation/legislation specific for the substance or mixture**

This material safety data sheet complies with the requirements of Regulations (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

For this product a Chemical Safety Assessment has not been carried out.

SECTION 16: Other information**Abbreviations**

ADR	Accord Dangereuses Route
CLP	Classification, Labelling and Packaging
EC	European Community
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
PBT	Persistent, Bioaccumulative and Toxic
RID	Regulations for the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
UN	United Nations
vPvB	very Persistent and very Bioaccumulative

Instruction for training

A person dealing with this chemical product must be familiar with the safety rules and the data given in the SDS.

Other information

The information provided in this Safety Data Sheet is believed to be correct but does not purport to be all inclusive. The information shall be used only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information in this document is correct to the best of our knowledge, information, and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.