

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

Naturamer B-Mo

Creation date 15th April 2025
Revision date 15th April 2025 Version 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier**
Substance / mixture Naturamer B-Mo
mixture
UFI MPC0-H0PW-P005-F0KM
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Fertilizers with micronutrients intended for use in agriculture and horticulture.
Main intended use
PC-FER-1 Fertilisers
Mixture uses advised against
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
Manufacturer
Name or trade name UAB "BS Chemical"
Address Briedžio g. 13, Kretinga
Lithuania
Phone +37066373748
E-mail info@bs-chemical.lt
Web address www.bs-chemical.com
Email address for a competent person responsible for the safety data sheet
Name Beata Tumaš
E-mail beata@bs-chemical.lt
- 1.4. Emergency telephone number**
European emergency number: 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.
- 2.2. Label elements**
Signal word
none
Supplemental information
EUH210 Safety data sheet available on request.
- 2.3. Other hazards**
The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

SECTION 3: Composition/information on ingredients

- 3.2. Mixtures**
Chemical characterization
A solution, a mixture that does not contain hazardous substances according to Regulation (EC) No 1272/2006.
Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|----------------------------------|------------------------|---------------------|--|------|
| CAS: 12054-85-2 EC: 236-031-3 | ammonium molybdate(VI) | <5 | Acute Tox. 4, H302 | |

Full text of all classifications and hazard statements is given in the section 16.

Naturamer B-Mo

| | | | |
|---------------|-----------------|---------|---|
| Creation date | 15th April 2025 | Version | 1 |
| Revision date | 15th April 2025 | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Avoid inhalation of vapors or mist. In case of an accident involving inhalation of aerosols or vapors, immediately stop contact - remove the effected person or move to fresh air to breathe comfortably. Get medical advice/attention if you feel unwell.

If on skin

Wash skin with plenty of lukewarm, gently flowing water for at least 10 minutes. Get medical advice/attention if you feel unwell.

If in eyes

Rinse the eye(s) thoroughly with running lukewarm water for 15-20 minutes. Remove contact lenses, if present and easy to do. Get medical advice/attention if you feel unwell.

If swallowed

Rinse mouth, drink water in small sips. If you feel unwell, call a POISON CENTER/doctor.

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

If inhaled

Not identified.

If on skin

Not identified.

If in eyes

Not identified.

If swallowed

Possible throat irritation.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: carbon dioxide (CO₂), carbon monoxide, nitrogen oxides (NO_x), ammonia.

5.3. Advice for firefighters

Special protective equipment for firefighters: when extinguishing a fire, use self-contained breathing apparatus if necessary, fire-fighting clothing according to EN 469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

After removal of the product, wash the contaminated site with plenty of water.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

Naturamer B-Mo

| | | | |
|---------------|-----------------|---------|---|
| Creation date | 15th April 2025 | Version | 1 |
| Revision date | 15th April 2025 | | |

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Storage temperature -5...+30 °C

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

EN166 - Personal Eye Protection Standard. Protective goggles.

Skin protection

When handling in long-term or repeatedly, use protective gloves. EN ISO 374-1.

Respiratory protection

Under regular circumstances it is not necessary. However, inhalation of vapours, sprays, gases or aerosols should be avoided. If vapours or aerosols are generated, use a respirator with filter type: ABEKP.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---|
| Physical state | liquid |
| Colour | colourless, yellow |
| color intensity | transparent |
| Odour | data not available |
| Melting point/freezing point | data not available |
| Boiling point or initial boiling point and boiling range | data not available |
| Flammability | data not available |
| Lower and upper explosion limit | data not available |
| Flash point | data not available |
| Auto-ignition temperature | data not available |
| Decomposition temperature | data not available |
| pH | 6.5-8.5 (100% solution at 20-25 °C) |
| Kinematic viscosity | data not available |
| Solubility in water | data not available |
| Partition coefficient n-octanol/water (log value) | data not available |
| Vapour pressure | data not available |
| Density and/or relative density | |
| Density | 1.26-1.29 g/cm ³ at 20-25 °C |
| Relative vapour density | data not available |
| Particle characteristics | data not available |

9.2. Other information

not available

Naturamer B-Mo

Creation date 15th April 2025
Revision date 15th April 2025 Version 1

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Metals, organic materials, strong acids, oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

-

Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

| Naturamer B-Mo | | | | | | |
|-------------------|-----------|-------------|---------------|---------|-----|----------------------|
| Route of exposure | Parameter | Value | Exposure time | Species | Sex | Value determination |
| Oral | ATE | 31250 mg/kg | | | | Calculation of value |

Skin corrosion/irritation

Based on the available data, the criteria for classification of the mixture are not met.

Serious eye damage/irritation

Based on the available data, the criteria for classification of the mixture are not met.

Respiratory or skin sensitisation

Based on the available data, the criteria for classification of the mixture are not met.

Germ cell mutagenicity

Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity

Based on the available data, the criteria for classification of the mixture are not met.

Reproductive toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure

Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - repeated exposure

Based on the available data, the criteria for classification of the mixture are not met.

Aspiration hazard

Based on the available data, the criteria for classification of the mixture are not met.

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

Naturamer B-Mo

| | | | |
|---------------|-----------------|---------|---|
| Creation date | 15th April 2025 | Version | 1 |
| Revision date | 15th April 2025 | | |

11.2. Information on other hazards

Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

Other information

not available

SECTION 12: Ecological information

12.1. Toxicity

Based on the available data, the criteria for classification of the mixture are not met.

12.2. Persistence and degradability

Based on the available data, the criteria for classification of the mixture are not met.

12.3. Bioaccumulative potential

Based on the available data, the criteria for classification of the mixture are not met.

12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

06 03 99 wastes not otherwise specified

Packaging waste type code

15 01 02 plastic packaging

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Reference in the Sections 4 to 8.

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

Naturamer B-Mo

| | | | |
|---------------|-----------------|---------|---|
| Creation date | 15th April 2025 | Version | 1 |
| Revision date | 15th April 2025 | | |

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

EUH210 Safety data sheet available on request.

H302 Harmful if swallowed.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

| | |
|------------|---|
| Acute Tox. | Acute toxicity |
| ADR | Agreement concerning the international carriage of dangerous goods by road |
| BCF | Bioconcentration Factor |
| CAS | Chemical Abstracts Service |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |
| EC | Identification code for each substance listed in EINECS |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| EmS | Emergency plan |
| EU | European Union |
| EuPCS | European Product Categorisation System |
| IATA | International Air Transport Association |
| IBC | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| INCI | International Nomenclature of Cosmetic Ingredients |
| ISO | International Organization for Standardization |
| IUPAC | International Union of Pure and Applied Chemistry |
| log Kow | Octanol-water partition coefficient |
| OEL | Occupational Exposure Limits |
| PBT | Persistent, bioaccumulative and toxic |
| PMT | Persistent, mobile and toxic |
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Agreement on the transport of dangerous goods by rail |
| UN number | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB | Substances of unknown or variable composition, complex reaction products or biological materials |

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

Naturamer B-Mo

| | | | |
|---------------|-----------------|---------|---|
| Creation date | 15th April 2025 | Version | 1 |
| Revision date | 15th April 2025 | | |

| | |
|------|--|
| VOC | Volatile organic compounds |
| vPvB | Very persistent and very bioaccumulative |
| vPvM | Very persistent and very mobile |

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.