SAFETY DATA SHEET

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

Naturamer B 150

Creation date	28th November 2023		
Revision date	01st April 2025	Version	2.0

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

1.1. Product identifier — Naturamer B 150

Substance / mixture — mixture

UFI — W7E0-N042-6002-C52S

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

Mixture's intended use

Fertilizers with trace elements for use in agriculture and gardening.

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

Competent person responsible for the safety data sheet

Name	Gintarė Lisauskienė
E-mail	gintare@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

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

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

none

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 mists. In the event of an accident in which aerosols or vapors are inhaled, immediately stop contact - remove the victim or move to fresh air and allow them to breathe comfortably. Get medical advice/attention if you feel unwell.

If on skin

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

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If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

If inhaled

Not expected.

If on skin

Not expected.

If in eyes

Not expected.

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

Suitable extinguishing media: water jet, water spray.

Unsuitable extinguishing media

Not defined.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: carbon dioxide (CO_2), 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.

6.3. Methods and material for containment and cleaning up

Collect with absorbent material (sand, gravel, acid binder, universal binder, sawdust). See section 13.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on general occupational hygiene: work in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products. Wash hands before breaks and at the end of workday. Wash face, hands and exposed skin thoroughly after use/handling. Use personal protective equipment if necessary. Avoid contact with skin and eyes. See section 8.

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. Store in accordance with local and national regulations.

Storage temperature	0...+30 °C

7.3. Specific end use(s)

not available

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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

Safety glasses (EN 166).

Skin protection

Wear chemical/mixture resistant clothing and shoes if direct skin contact and/or splashes are likely (EN 14605). Body protection should be selected based on the concentration and amount of hazardous substances at the workplace.

Respiratory protection

Respiratory protection is not normally required. However, inhalation of vapours, sprays, gases or aerosols should be avoided. If vapours or aerosols are generated, use a respirator with filter type: ABEKP. For higher exposure concentrations, wear a self-contained breathing apparatus.

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	characteristic
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	1.33-1.37 g/cm³ at 20-25 °C
Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid: viscous

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

There is no specific test data on the reactivity of this product or its ingredients.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

The product is stable under normal conditions.

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10.4. Conditions to avoid
Avoid contact with metals, organic substances.

10.5. Incompatible materials
Protect against strong acids, bases and 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
No toxicological data is available for the mixture.

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

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.

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
Decomposed by microorganisms.

12.3. Bioaccumulative potential

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No data are available for either the mixture or the components.

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

Dispose of waste according to 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.

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

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.

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

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SECTION 16: Other information

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

ADR	European 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	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
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.

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