

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

	NATURAMER B 150	The date of compilation:	2023-11-21
		Revision:	2023-11-21
		Version No.	1

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

1.1. Product identifier	Trade name:	Naturamer B 150
1.2. Relevant identified uses of the substance/ mixture and uses advised against	Relevant identified uses of substance/mixture:	fertilizers with trace elements for use in agriculture and gardening.
	Uses advised against:-	
1.3. Data of the provider of the safety data sheet	Supplier/ manufacturer:	UAB "BS Chemical", Briedžio str. 13, LT-97187 Kretinga, mobile: +37066373748, info@bs-chemical.lt, www.bs-chemical.com
	E-mail address for a competent person responsible for the safety data sheet:	gintare@bs-chemical.lt
1.4. Emergency telephone number	112 (in Member State of EU).	
	Lithuanian poison control and information office 24/7, Šiltnamių str. 29, 2043 Vilnius, telephone : +370 5 236 20 52, +370 687 533 78, e-mail: info@tox.lt	

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance/ mixture

Classification (Regulation (EC) No. 1272/2008): not applicable.

2.2. Label elements

Labelling (Regulation (EC) No. 1272/2008):

Hazard pictograms: Not applicable.

Signal word: Not applicable.

Hazard statements: Not applicable.

Precautionary statements: Not applicable.

2.3. Other hazards

Other hazards are unknown. The product does not meet PBT or vPvB classification criteria in accordance with Regulation (EC) No. 1907/2006 Annex XIII.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3.1. Substances

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3.2. Mixture

Mixture does not contain hazardous substances according to the regulation (EC) No 1272/2006.

Workplace exposure limits, if any, are listed in subsection 8.1. For the full text of the abbreviations H and EUH, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

After inhalation: Avoid inhalation of vapors or mist. Get out or take the victim to the fresh air, give a peace. Call a doctor if symptoms of respiratory damage occur.

After skin contact: Wash skin with plenty of lukewarm, gently running water for at least 10 minutes. If feel unwell, call a doctor.

After eye contact: Rinse opened eyes for at least 15 – 20 minutes under running water. Remove contact lenses if they are and it is easy to do. If feel unwell, call a doctor.

After swallowing: Rinse mouth with water, drink water in small sips. If feel unwell, call the POISON CONTROL AND INFORMATION OFFICE/call a doctor.

Safety of providers of first aid: Provide for personal protective measures as specified in subsection 8.2.

4.2. Most important symptoms and effects (acute and delayed):

After inhaling: Not identified.

After skin contact: Not identified.

After eye contact: Not identified.

After swallowing: Possibility of throat irritation.

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

Symptomatic treatment. There is no information about clinical trials and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media **Suitable extinguishing media:** water stream, water spray.

Unsuitable extinguishing media: no data.

5.2. Special hazards arising from the substance/ mixture Hazardous combustion products: carbon dioxide (CO₂), carbon monoxide, nitrogen oxides, amonium.

5.3. Advice for firefighters Special protective equipment for firefighters: use self-contained breathing

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apparatus when extinguishing fire, if necessary, clothing for firefighters according to EN 469.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures** Personal precautions: use personal protective equipment. Evacuate employees to safe places.
- 6.2. Environmental precautions** It is forbidden to discharge the spilled product into local or rain sewers, surface water bodies, natural environment.
- 6.3. Methods/ material for containment and cleaning up** Collect with liquid-binding material (sand, gravel, acid binder, universal binder, sawdust). See 13 section.
- 6.4. Reference to other sections** See section 8.2 for information on personal protection equipment. See section 13 for waste disposal information.

SECTION 7: HANDLING AND STORAGE

- 7.1. Precautions for safe handling** No special precautions required.
Preventive measures for environmental protection: control of environmental exposure see subsection 8.2.
Advice on general occupational hygiene: Work in accordance with good industrial hygiene and safety practice. Do not store together with food, drink and animal feed. Do not mix with other products. Wash hands before breaks and at the end of the working day. Wash face, hands and exposed skin thoroughly after use/handling. If necessary, use personal protective equipment. Avoid contact with skin and eyes. See section 8.
- 7.2. Conditions for safe storage, including any incompatibilities** Store in accordance with local and national regulations. Keep the package tightly closed at a temperature between 0°C and +30°C. Store only in original packaging. For conditions to avoid, see 10.4. subsection. For incompatible materials, see 10.5. subsection.
- 7.3. Specific end use(s)** There is no special advice on end use.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. Control parameters

Workplace exposure limit values: -

Air limit values, if any:-

Biological limit values, if any:-

Recommended monitoring procedures, if any:-

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Additional exposure limits under conditions of use, if any:-

Derived no-effect limit value (DNEL) according to Regulation (EC) No 1907/2006:-

Predicted No-Effect Concentration (PNEC) according to Regulation (EC) No 1907/2006:-

8.2. Exposure controls

This information applies to the uses specified in subsection 1.2 of the Safety Data Sheet. If available, see the product information sheet for instructions for use and handling. This section assumes normal conditions of use.
Recommended safety precautions when using an undiluted product:

Appropriate technical
management measures

Ensure adequate ventilation.

Appropriate organisational
management measures

Avoid direct contact and/or splashes if possible. Train the personnel.

Personal protective equipment

Eye/face protection:

Safety goggles are recommended (EN 166).

Hand protection:

Protective gloves resistant to chemicals/mixtures (EN 374). Check the permeability and breakthrough time instructions provided by the glove supplier. Anticipate specific local application conditions such as splash, cut risk, contact time and temperature.

Suggested gloves for longer contact: Material: butyl rubber Penetration time: ≥ 480 min, Material thickness: $\geq 0,7$ mm

Suggested gloves for splash protection: Material: nitrile rubber Breakthrough time: ≥ 30 min. Material thickness: $\geq 0,4$ mm

In consultation with the supplier of protective gloves, another type of similar protection may be selected.

Body protection:

Wear chemical/mixture-resistant clothing and shoes if direct skin contact and/or splashes may occur (EN 14605). Body protection measures should be chosen according to the concentration and quantity of dangerous substances at the workplace.

Respiratory protection:

Respiratory protection is usually not required. However, inhalation of vapours, sprays, gases or aerosols are generated, use a respirator with filtre type: ABEKP. At higher exposure concentrations, wear a self-contained breathing apparatus.

Thermal hazards:

See Section 5.

Environmental impact control:

Do not allow diluted or neutralized solution to enter the drains.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on main physical and chemical properties

Form	Liquid
Colour	Yellowish
Odour	Characteristic
pH, 100 %, 20-25°C	6,5 – 8,5
Density, g/cm ³ , 20-25°C	~ 1,33 – 1,37

9.2. Other information

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	There are no specific test data on the reactivity of this product or its ingredients.
10.2. Chemical stability	Under normal conditions and strict rules for safe, the mixture is stable.
10.3. Possibility of hazardous reactions	No dangerous reactions occur under normal conditions of storage and use.
10.4. Conditions to avoid	Avoid contact with metals, organic substances.
10.5. Incompatible materials	Strong acids, oxidizing substances.
10.6. Hazardous decomposition products	Not determined under normal conditions of storage and use.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity	Not classified based on existing information.
Skin corrosion and (or) irritation	Not classified based on existing information.
Severe eye damage/irritation	Not classified based on existing information.
Respiratory or skin sensitisation	Not classified based on existing information.
Germ cell mutagenicity	Not classified based on existing information.

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Carcinogenicity Not classified based on existing information.

Reproductive toxicity Not classified based on existing information.

STOT (single exposure) Not classified based on existing information.

STOT (repeated exposure) Not classified based on existing information.

Aspiration hazard Not classified based on existing information.

11.2. Information on other hazards

Other information No data.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity Not classified based on existing information.

12.2. Persistence and degradability Decomposed by microorganisms.

12.3. Bioaccumulative potential No data.

12.4. Mobility in soil No data.

12.5. Results of PBT and vPvB assessment Components are not classified as PBT and vPvB substances.

12.6. Endocrine disrupting properties No data.

12.7. Other adverse effects No data.

SECTION 13: WASTE MANAGEMENT**13.1. Waste treatment methods**

Disposal of product Waste is disposed in accordance with local waste disposal laws. It is forbidden to dispose of waste in the rubbish bin, local and rainwater drainage, surface water bodies, natural environment.

Waste codes: 06 03 99 waste from inorganic chemical processes; waste not otherwise specified.

Disposal of packaging Recommendation: Dispose in accordance with national or local regulations. Suitable cleaning agents: water; with cleaning agent if necessary.

SECTION 14: TRANSPORT INFORMATION

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14.1. UN number or ID number Not applicable.

14.2. UN proper shipping name -

14.3. Transport hazard class(es) -

14.4. Packing group -

14.5. Environmental hazard Not applicable.

14.6. Special precautions for users Not determined.

14.7. Carriage of bulk cargo by sea in accordance with IMO measures -

SECTION 15: REGULATORY INFORMATION

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

EU regulations:

Regulation (EC) No. 1272/2008 - CLP

Regulation (EC) No. 1907/2006 - REACH

Regulation (EU) No. 2020/878 – amending the Annex II of Regulation (EC) No. 1907/2006

Permits and restrictions (Title VII and Title VIII of Regulation (EC) No. 1907/2006): Not applicable.

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

The surfactant(s) in this mixture comply with the biodegradability criteria laid down in Regulation (EC) No. 648/2004 on detergents. The data supporting this claim is available to the competent authorities of the Member States and will be made available to them on direct request or on direct request from the manufacturer.

15.2. Chemical safety assessment The mixture has not been subject to a chemical safety assessment.

SECTION 16: OTHER INFORMATION

The information in this document is based on our best knowledge. However, it does not constitute a guarantee of any specific product features and is not a legally binding contract.

Grounds for revision:

The general design is applied according to -.

In the case of the revision of the safety data sheet, changes compared to the previous version of the safety data sheet: -.

Classification procedure

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The classification of a mixture is usually based on calculation methods using data on the substance as required by Regulation (EC) No 1272/2008. Where data is available for a particular classification of a mixture, or where, for example, the principles of association or weight of evidence may be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet.

List of relevant hazard and/or precautionary statements (referred to in Section 3):-

Abbreviations and acronyms:

DNEL	Derived no-effect level.
PNEC	Predicted no-effect concentrations.
LD50/ LC50	The amount (concentration) of a material, which causes the death of 50% of test animals.
NOEC	No Observed Effect Concentration.
PBT	Persistent, bioaccumulative and toxic chemical substances.
vPvB	Very persistent and very bioaccumulative chemical substances.

End of Safety Data Sheet