



SAFETY DATA SHEET

According to the Regulation (EC) 1907/2006, art. 31

Date of printing: 19.03.2019

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Version 1.0

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

1.1. Product identifiers:

Trade name: SHOES PROBIOTIC SPRAY

ПРОБИОТИК НЕУТРАЛИЗАТОР ЗА ОБУВКИ

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

Intended use of the substance/mixture: Probiotic spray for bacterial cleaning and shoe smell neutralization.

1.3. Details of the supplier of the safety data sheet

Supplier/Manufacturer:

Perilis Trading EOOD

9151, Kichevo village, area of Zora Varna district

+359 52 608 681; +359 878 608 681

www.perilis.com

E-mail of the competent person responsible for the safety data sheet: office@perilis.com

1.4. Emergency telephone number

National toxicology information center

Hospital for Treatment and Emergency Medicine N. I. Pirogov

Emergency telephone / fax number: +359 2 9154 233

E-mail: poison_centre@mail.orbitel.bg <http://www.pirogov.bg>

For emergencies: 02 9154 409 (in standard working hours excluding Saturday and Sunday) or 02 9154 346 (continuous service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

2.1.1. Classification acc. to Regulation (EC) No 1272/2008 (CLP):

The product does not comply with the criteria for classification for classification according to Regulation (EC) No 1272/2008 (CLP):

2.1.2. Supplementary information: For the full text of the EU Hazard Statements and Alerts: See Section 16.

...

2.2. Label elements:

Labeling acc. to Regulation (EC) No 1272/2008 (CLP):

Pictograms of danger: Not available.

Signal word: Not available.

Hazard statements: Not available.

Prevention precautionary statements:

P101 If medical advice is needed, show the product container or label.

P102 Keep out of reach of children.

Precautionary statements upon reaction:

P305+P351+P313 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P352 If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

Results of PBT and vPvB assessment:

PBT: Not available.





vPvB: Not available.

SECTION 3: Composition/information on ingredients

3.1. Chemical characterization:

Mixtures: Aqueous solution based on fermenting bacteria, additives and perfume

Information on composition

| CAS/EC | Concentration range % | Chemical name | Hazard classification |
|-------------------------------|-------------------------|-------------------|--|
| CAS: 64-17-5 EC: 200-578-6 | < 5,00 | Denatured ethanol |   Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 |
| CAS: - EC: - | 10 ⁸ CFUs/ml | Bacillus spores | - |
| CAS: - EC: - | < 0.30 | Perfume |   Skin Irrit. 2, H315; Skin Sens. 1, H317 Aquatic Chronic 2, H411 |

Supplementary information: For the full text of the EU Hazard Statements and Alerts: See Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General notes: In case of doubt, upon direct exposition to the chemical product or prolonged discomfort seek medical attention. Provide the safety data sheet.

If inhaled: In case of complaints that may be caused by inhaled vapors, or if the symptoms persist, move the affected person to fresh air and seek medical advice. This product does not contain substances classified as dangerous for inhalation.

If on skin: Gently wash and rinse with plenty of soap and water. In case of skin irritation, or if the symptoms persist, seek medical advice.

If in eyes: Rinse cautiously with water for several minutes. If the affected person uses contact lenses, they should be removed, unless the lenses are stuck to the eyes, because in such a case it would be caused additional damage to the eye. If the symptoms persist, seek the medical advice. Provide the safety data sheet of this product.

If swallowed: Rinse the mouth with water. Do not swallow the liquid. Never give anything by mouth to an unconscious person. Seek the medical advice.

Personal protective equipment for first aiders: No action should be taken that poses a risk to any person, or no action should be taken by people who have not received appropriate training.

4.2. Most important symptoms and effects, both acute and delayed: No information available.

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:

CO₂, dry extinguishing powder or water spray. The product is not-flammable under normal conditions of storage, application and use.

Unsuitable extinguishing media: Water jet

5.2. Special hazards arising from the substance or mixture

As a result of the following gases may be formed:

Carbon oxid (CO)

Carbon dioxid (CO₂)

5.3. Advice for fire-fighters

Special protection equipment: Use self-contained breathing apparatus.

Supplementary information:

Collect separately the contaminated water used in the extinguishing. Do not dispose it in the sewerage system. Dispose the fire residues and contaminated water used for extinguishing according to the instructions of the competent authorities.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. For additional protective measures, see SECTIONS 7 and 8.

6.2. Environmental precautions:

Prevent the product from entering the water sources. Do not dispose it in the sewerage system.

6.3. Methods and material for containment and cleaning up

Make sure that waste is collected in proper containers for recycling and disposal.

6.4. Reference to other sections

See SECTION 8 for information on the exposition control and personal protective equipment
See SECTION 13 for information on waste disposal

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle according to the legislation regarding the production risks prevention. Keep the containers closed.

The product is not-flammable under normal conditions of storage, application and use.

Do not eat and drink while working. Wash hands before breaks and after work. Do not reuse the empty containers before cleaning. See SECTION 8 for protection means.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

See SECTION 10 for more information

Requirements for storage rooms or containers:

Incompatible material of containers: No information available

Information about safe-keeping in general warehouse:

Keep away from food and feed

Further information about conditions for storage:

Keep containers tightly sealed.

Recommended storage temperature: 5 - 35 ° C. Keep out of reach of children.

7.3. Specific end use(s): Ready to use without dilution. Shake the bottle well before use.

FOR SHOES - a few sprays once a day.

Prophylaxis dosage: a few sprays every 3 days.

SECTION 8: Exposure controls/Personal protection

Additional guidelines for construction of technical equipment: No other information available. See SECTION 7,

8.1. Control parameters

Substances whose occupational exposure limits have to be monitored in the work environment:

Denatured ethanol

1000 mg/m³ (1500 ppm)

Additional information: Data provided are based on the information valid at the time of issue of the document.

8.2. Exposure controls

Personal protective equipment

General protective and hygienic measures:

Observe the usual precautions for handling chemicals.

Wash hands before breaks and at the end of work process.

Respiratory protection:

Not required if the work area is well ventilated.

Hand protection:

For prolonged contact: Protective gloves against minor risks.

The material from which the gloves are produced must be impermeable and resistant to the substance/preparation. When selecting glove material, take into account the time of penetration, the penetration rate and the degree of decomposition of the glove material due to the substance.

After using gloves, wash hands with detergents and use cosmetic products to protect the skin.

Material of gloves

The choice of suitable gloves depends not only on the material they are made of, but also on other product quality characteristics and is different for individual manufacturers.

Normal or minimal wear time of the glove material:

The exact time of penetration of the substance through the glove material has to be indicated by the manufacturer of the protective gloves and must be observed. Replace gloves when signs of disturbing the surface present. For long periods of exposure to the product for professional / industrial use, it is advisable to use CE III compatible gloves according to EN 420 and EN 374.

Eye protection: Safety goggles against liquid splash

Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

For full information, see the technical datasheet of the product.

| | |
|--|-----------------------------|
| 9.1. Information on basic physical and chemical properties | |
| General | |
| Appearance | |
| Physical state | Liquid |
| Color | Cloudy white |
| Odor | Specific, perfume |
| Odor limit: | Not determined |
| pH | 7,0–8,0 |
| Change of state | |
| Melting point/melting range | Not relevant |
| Boiling point/Boiling range | Not determined |
| Flash point | Not relevant |
| Evaporation rate | Not determined |
| Ignition temperature | Not determined |
| Decomposition temperature | Not determined |
| Auto-ignition temperature | Not relevant |
| Danger of explosion | |
| Lower limit | Not determined |
| Upper limit | Not determined |
| Density, 20°C | 1.0 - 1.1 g/cm ³ |
| Vapor pressure | Not determined |
| Solubility/Mixability | |
| Aqua | Soluble |
| Viscosity: | |
| Dynamic | Not determined |
| Kinematic | |
| 9.2. Other information | Not available. |

SECTION 10: Stability and reactivity

10.1. Reactivity: No hazardous reactions are expected if the technical guidelines for the storage of chemical products are followed. See SECTION 7.

10.2. Chemical stability

Thermal decomposition/conditions to be avoided: Chemically stable under the conditions of storage, handling, and use, stated in the technical specification.

10.3. Possibility of hazardous reactions: No hazardous reactions are known

10.4. Conditions to avoid: Not known.

10.5. Incompatible materials: Not known.

10.6. Hazardous decomposition products: See Section 5 for the hazardous combustion products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No experimental data available regarding the toxicological properties of the mixture

Toxicological information on the major ingredients of the product:

Acute toxicity

Denatured ethanol

LD50 oral, rat, > 6200 mg/kg

LD50 dermal, rabbit, >20 000 mg/kg

LD50 inhalation, rat, >8000 mg/l/4h

General irritation:

Skin corrosion/irritation: No information available

Serious eye damage/eye irritation No information available

Respiratory or skin sensitisation: No information available

Carcinogenicity, mutagenicity and reproductive toxicity:

Germ Cell Mutagenicity: Based on the available data, the classification criteria are not met.

Carcinogenicity: Based on the available data, the classification criteria are not met.

Reproductive toxicity: Based on the available data, the classification criteria are not met.

Weak to chronic toxicity:

Specific target organ toxicity- single exposure: Based on the available data, the classification criteria for the mixture are not met.

Specific target organ toxicity - repeated exposure: Based on the available data, the classification criteria for the mixture are not met.

Aspiration hazard: Based on the available data, the classification criteria for the mixture are not met.

SECTION 12: Ecological information

12.1. Toxicity

Experimental data regarding the ecotoxicological properties of the mixture are not available.

12.2. Persistence and degradability:

Denatured ethanol

Easily biodegradable 94%

12.3. Bioaccumulative potential: No information available

12.4. Mobility in soil: No information available

12.5. Results of PBT and vPvB assessment:

PBT: Not relevant

vPvT: Not relevant

12.6. Other adverse effects: -

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations:

Recycle, if possible. Do not empty into drains and the environment. Refer to special instructions/Safety data sheets.

Waste should be classified in accordance with the European Waste Catalog, based on the specified source of waste generation.

Uncleaned packaging

Recommendations: Dispose according to the instructions of the competent authorities.

SECTION 14: Transport information

This product is not classified as dangerous for transport (ADR / RID, IMDG, IATA)

SECTION 15: Regulatory information

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

EU legislative acts

Substances included in the candidate list for authorization under Regulation (EC) 1907/2006 (REACH): does not contain

Substances included in REACH Annex XIV (authorization list): does not contain

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: does not contain

Content Labeling:

Fermentation bacteria -10⁸ CFUs/ml

Perfume - hypoallergenic

Market restrictions and the use of certain hazardous substances and mixtures (Annex XVII of REACH, etc ...): No

Specific provisions in terms of protecting people or the environment:

It is recommended that the information provided in this Safety Data Sheet to be used as an introduction to the risk assessment of specific circumstances in order to identify the necessary measures to prevent risks to the management, use, storage and disposal of this product.

National legislation

Protection Against the Harmful Impact of Chemical Substances and Mixtures Act (amended and supplemented SG No. 12 of February 3, 2017, amended SG No. 58 of July 18, 2017)

Environmental Protection law (amended SG No. 96 of December 1, 2017)

Ordinance of prevention of major accidents with hazardous substances and mitigation of their consequences (amended and supplemented SG No. 3 of January 5, 2018)

ORDINANCE on the order and the way of storage of dangerous chemical substances and mixtures. Adopted by Council of Ministers Decree No 152 of 30.05.2011, updated SG No. 43 of 7.06.2011

Waste Management Act (amended SG No. 102 of December 22, 2017)

15.2. Chemical Safety Assessment: No Chemical Safety Assessment has been prepared for the substance.

SECTION 16: Other information

This information is based on our current level of knowledge at the time the document was created. However, it is not a guarantee of the specific properties of the product and does not constitute a legal basis for the relationship. The information provides basic guidelines for safe handling of this product with regard to its storage, processing, transport and disposal. This information cannot be transferred to other products. If the product is mixed or reworking with other materials or if it is processed, information in this Safety Data Sheet cannot be transferred to the new material, unless expressly stated otherwise.

Abbreviations and acronyms:

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Regulation (EC) No 1272/2008 on Classification, Labeling and Packaging of substances and mixtures.

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service, department of American Chemical Society

CMR: Carcinogenic, mutagenic or toxic for reproduction (substance)

LC50: Median lethal concentration required to kill half the members of a tested population

LD50: Median lethal dose required to kill half the members of a tested population

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

DNEL: Derived No-Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No-Effect Concentration

SVHC: Substances of Very High Concern

List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text |
|-------------------|---|
| H225 | Highly flammable liquid and vapor |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H336 | May cause drowsiness or dizziness |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Eye Irrit. 2 | Eye irritation, Categoria 2 |
| Skin Sens. 1 | Skin sensitisation - Cat. 1, 1A, 1B |
| Skin Irrit. 2 | Skin irritation, Cat. 2 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic , Cat. 2 |
| STOT SE 3 | Specific Target Organ Toxicity Repeated Exposur - single exposition, category of danger 3, narcotic effects |

Key literature references and sources for data

Regulation (EC) No 1907/2006 (REACH)

Regulation (EC) No 1272/2008 (CLP, EC GHS)

Key literature references:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Advice related to training:

It is recommended to provide training to the personal to be handled this product, in order to make it easier the understanding and interpretation of this safety data sheet and product labeling.

Version 1.0 - 01.05.2018 - document creating

*** Information changes in the previous version of the document:**

Information within the sections marked by * is changes of information from the previous version.

End