

SAFETY DATA SHEET

Made in accordance with Regulations 1907/2006/EC and 1272/2008/EC and 2015/830/EU

1st section: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier: **NOVOPED lice treatment lotion**

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

biocidal product, product-type 18th; lice treatment lotion, Product for the elimination of human head lice, flat lice (lice and nits) for general and professional use.

Contraindicated use: if it's different from the above

1.3. Details of the supplier of the safety data sheet:

METATOX Pesttíciid Gyártó és Forgalmazó Kft.

H-5520 Szeghalom, Kossuth u. 8.

Telephone: +(36) 66 371 168; +36 30 5757 140

Contact details of the person responsible for the safety data sheet: info@metatox.hu



1.4. Emergency telephone number: Health Toxicology Information Service:

workhours: +36 1 476-6464 non-stop: +36 (80) 20 11 99

2nd section: Hazards identification

2.1. Classification of the substance or mixture: The product is a mixture. According to the manufacturer, and to the relevant EU regulations, and to the Regulation (EC) No. 1272/2008 (CLP) and its amendments, **Health and environmental damage is unlikely to occur when the product is used properly.** Slightly irritating to eyes and skin.

2.2. Label elements: Pictogram: GHS07; GHS02 **Signal word:** FLAMMABLE, IRRITATING TO EYES

| | |
|--|---|
|  If EYES  | Hazard statements: H302 Harmful if swallowed H319 Causes serious eye irritation H226 Flammable liquid and vapor H335 May cause respiratory irritation Precautionary statements: P102 Keep out of the reach of children. P103 Read label information before use. P210 Keep away from heat / sparks / open flames / hot surfaces! No smoking P305 + P351 + P338 In case of contact with eyes, rinse cautiously with water for several minutes. If necessary, remove contact lenses if easily removed. Continue rinsing. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. |
|--|---|

Biocidal active substance contents: 0,2% natural pyrethrin

Warning: Packaging containing less than 125 ml of product
units H- and P-phrases do not have to be indicated as of 01.06.2015!.

2.3. Other hazards: Health and environmental damage is unlikely to occur when the product is used properly. Slightly irritating to eyes and skin.

If used in the household, it can be treated as municipal waste; see also section 13.

¹Classification, Labelling and Packaging: 1272/2008/EC Regulation and its Amendments.

² Higher number means less danger.

³Aquatic Acute 1(H400) and Aquatic Chronic 1 (H410), in case of environmental hazard, should be used H410 phrases on the label.

3rd section: Composition/information on ingredients

3.1. Chemical character: mixture

| Dangerous component | Concentration | Hazard class, category, H-sentences |
|---|---------------|---|
| Pyretrin*** CAS-szám: 8003-34-7 EK-szám: 232-319-8 | 0,2% | Acute Tox. 4 (oral, inhal.), H302, H332; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; M: 100 |

The manufacturer does not indicate the presence of other hazardous components.
Other non-labeled components are not considered to be dangerous according to current legislation or their concentration in the preparation is below the level of their presence in the hazard classification.

The above hazard classes, categories, H-phrases refer to the pure component, the hazard classification according to the preparation is given in Section 2.
For full text of H-Statements and Abbreviations see Section 16.

4thsection: First aid measures

4.1. Description of first aid measures

General information: The professionalism and speed of first aid can greatly reduce the occurrence and severity of the symptoms. In a person with unconscious or spastic fluid, drink or drink vomiting!

Inhalation: Bring the injured person to fresh air, place it in rest. In the event of symptoms or poisoning, seek medical attention.

Skin contact: Wash affected area with soap and plenty of water. If irritation occurs, seek medical attention.

Eye contact: Immediately flush eyes with plenty of water for at least 10 minutes, while the eyelids are opened and the eyeball is moved. If there is a contact lens, remove it and resume rinsing. In the event of a complaint or symptom persistence consult a specialist.

Ingestion: If swallowed, seek medical advice IMMEDIATELY and show the package, label or safety data sheet of the product. Vomiting should only be made to the physician's express instructions. Rinse mouth with water. Do not eat or drink, relax in a warm place and consult a physician.

4.2. Most important symptoms and effects, both acute and delayed: The active ingredient is natural pyrethrin. Health and environmental damage is unlikely to occur when the product is used properly.

4.3. Indication of any immediate medical attention and special treatment needed: In case of possible or suspected poisoning, seek medical advice immediately and show this label to the doctor.

5thsection: Firefighting measures

This product is Flammable! Do not use naked flames, smoking, or hair dryers when in use!

5.1. Extinguishing media: common extinguishing agents: carbon dioxide, powder, water spray, foam. Determine on the basis of combustible materials in the environment.

Unsuitable extinguishing media: strong water jet.

5.2. Special hazards arising from the substance or mixture: high temperatures can cause toxic and irritant gases, vapors, eg carbon monoxide, carbon dioxide and oxides of nitrogen during combustion and decomposition.

5.3. Advice for firefighters: full protective equipment and breathing apparatus independent of the environment if there is a risk of exposure to vapors or combustion products.

6th section: Accidental release measures

Prevent contamination of living waters and soil!

6.1. Personal precautions, protective equipment and emergency procedures

Spill spillage should be mechanically recovered, protective gloves should be worn, and exposure to the product should be avoided. The spilled product should be collected and stored in a safe container, in accordance with legal regulations, with proper precautions.

For non-emergency persons: leave the danger zone and notify the authorities.

Emergency services: Personal protective equipment is required. Remediation can only be performed by trained personnel.

6.2. Environmental precautions

The spilled product should not enter drains, water bodies or soil. Waste disposal and disposal should be in accordance with local regulations. If the product reaches the sewer or water bodies, the competent authorities must be informed.

6.3. Methods and material for containment and cleaning up

Sweep up spillage, shovel, transfer to a suitable container and dispose of spillage mechanically and preferably without residue. If used in the household, it can be treated as municipal waste.

Dispose of in accordance with local regulations in the case of professional disposal. Wash contaminated area with water or water containing detergent. Do not allow mopping water to enter drains.

6.4. Reference to other sections: see Section 8. and 13.

7th section: Handling and storage

The product can only be used as stated in the instructions for use. Carefully work to avoid exposure to the product: eye contact and ingestion.

Do not eat, drink, smoke or use a hairdryer during application!

After treatment, wash hands with soap and plenty of water.

7.1. Precautions for safe handling: Avoid contact with the product: Avoid contact with clothing or eyes. When used, the eyelid should be protected in case of head lice, and in the case of flat lice, the anus should be protected with cotton wool.

7.2. Conditions for safe storage, including any incompatibilities

Store in a sealed original container in a dry, cool, well-ventilated place, protected from direct sunlight, moisture, food, drink, feed and incompatible materials.

Keep away from sources of ignition and oxidizing agents.

Can be used for 2 years from the date of manufacture.

Children, unauthorized persons, birds, livestock, pets do not have access.

7.3. Specific end use(s): biocidal product, lice treatment product, for general and professional users. Users should always read the user's manual and follow the instructions for safe handling and use.

8th section: Exposure controls and personal protection

Read the instruction manual before use!

Based on the content of the active substance the product is classified to III. distribution category.

8.1. Control parameters

Occupational exposure limits: occupational exposure limit value: Not established for product components.

Pyrethrin: ÁK: 1 mg/m³ – 25/2000 (IX.30.) EüM-SzCsM regulation.

ÁK: average allowable concentration: concentration of the air pollutant per shift in the air of the workplace which does not adversely affect the health of the worker.

Respiratory fraction: the fraction of mass of inhaled particles that penetrate into the acylular epithelium.

8.2. Exposure controls

Technical measure: Providing protective equipment.

Hygiene measures:

- Do not eat, drink or smoke during treatment.
- After treatment, wash thoroughly with warm, soapy water.
- Avoid contact with clothing, eyes and mucous membranes.

Personal protective equipment:

- **Respiratory protection:** not necessary.
- **Hand protection:** not necessary.
- **Eye protection:** use cotton pads to protect the eyes.
- **Skin protection:** workwear use recommended. Body protection should be selected depending on activity and potential exposure.
- **Thermal hazard:** not occur.

Environmental exposure controls:

Do not dispose of this product and its container into sewers, water bodies.

The above applies to professionally performed activities and intended use conditions, under normal circumstances. If work is done under different circumstances or exceptional circumstances, it is recommended that you decide on additional tasks and personal protective equipment by involving an expert.

9th section: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|----------------------------|---|
| Physical state: | liquid |
| Appearance: | liquid |
| Color: | Clear |
| Taste: | no data |
| Odor: | Alcoholic |
| Odor threshold: | no data available |
| pH at 20 ° C: | no data available |
| Bulk density: | no data available |
| Boiling point: | 82 ° C |
| Decomposition temperature: | no data available |
| Flash point: | not relevant |
| Auto-ignition temperature: | no data available |
| Flammability (gas, solid): | Not flammable |
| Vapor pressure: | no data available |
| Evaporation rate: | no data available |
| Solubility in water: | miscible with water |
| Partition coefficient: | no data available |
| Viscosity: | no data available |
| Explosive properties: | No explosion hazard when used as directed |
| Explosion limits: | no data available |
| Oxidising properties: | no data available |

9.2. Other information: no information available

10th section: Stability and reactivity

10.1. Reactivity: not typical. No known danger.

10.2. Chemical stability: under normal conditions (normal temperature and pressure conditions and the storage conditions specified in Section 7) are stable.

10.3. Possibility of hazardous reactions: not known.

10.4. Conditions to avoid: high temperature, heat, heating, frost, moisture.

10.5. Incompatible materials: strong acids, alkalis, oxidants.

10.6. Hazardous decomposition products: not under normal conditions.

11th section: Toxicological information

11.1. Information on toxicological effects: toxicological studies have not been performed with the product. The assessment was made only on the basis of the toxicological data, classifications and concentrations of the ingredients according to the CLP regulation.

Acute toxicity: based on estimated ATE_{mix} values, the product should not be classified as acute toxicity (oral, dermal, inhalative).

Acute toxicity (rat) LD₅₀ >5000 mg/ttkg for the active substance

Skin corrosion/skin irritation: the composition of the product and the available data are not corrosive and do not irritate the skin.

Serious eye damage / eye irritation: based on product composition and available data, may cause irritation to the eyes..

Respiratory-, and skin sensitization: mucosal irritations possible.

Germ cell mutagenicity: no data

Carcinogenicity: no data.

Reproductive toxicity: no data.

STOT SE: no data.

STOT RE: no data.

Aspiration toxicity: no data.

11.2. Expected effects of product exposure

A product containing the natural active ingredient pyrethrin, the products are so low in active ingredients that the toxic dose in a person of normal weight is several kilograms.

May cause irritation to eyes and / or mucous membranes

12th section: Ecological information

12.1. Toxicity the product has a negligible environmental toxicity when used as recommended..

12.2. Persistence and degradability: no data available. The product is stable under normal conditions (temperature and pressure conditions).

12.3. Bioaccumulative potential: no data available. The product is stable under normal conditions (temperature and pressure conditions).

pyrethrin: BCF: 471

12.4. Mobility in soil: weakly for all active substances: no data

12.5. Result of PBT and vPvB assessment: not contain PBT, vPvB materials.

12.6. Other adverse effects: Avoid release of product residues and packaging material into soil, waterways and drains. Primary and secondary exposure of non-target animals and the environment should be minimized by considering and taking all available and appropriate risk mitigation measures.

13th section: Disposal considerations

13.1. Waste treatment methods:

Can be disposed of as municipal waste when used in residential households.

For professional users handling residues and wastes of the preparation see Decree No. 225/2015. (VIII.7.) And the provisions of Government Decree 442/2012 (XII. 29.) on the management of packaging waste.

Care should be taken to clean up any spillage that may be present. Disposal of discarded waste that cannot be used for its original purpose should be treated as hazardous waste and should be disposed of as hazardous waste. to the waste yard - to be released.

The classification of the waste product is based on 72/2013. (VIII. 27.) VM..

Classification of waste product (Waste key / EWC code):

07 04 organic plant protection products (excluding 02 01 08 and 02 01 09), wood preservatives (excluding 03 02) and waste from the manufacture, presentation, distribution and use of biocides

07 04 13* solid waste containing dangerous substances

It is forbidden to release product, residue, waste into sewers, water bodies.

14th section: Transport information

This product is **not a hazardous product** under the terms of the International Carriage of Dangerous Goods by **ADR / RID, IMDG and IATA**.

The product may be transported in its original sealed packaging, separate from other products, protected from direct sunlight and heat radiation.

Product spillage should be prevented during transport.

15th section: Regulatory information

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

The active substance of the product is bromadiolon, an active substance approved under Directive 2009/92 / EC to the Product Type of 18.

The product does not contain any contain which is listed by REACH XVII. .

The product does not contain any SVHC material and does not contain any candidate list material by SVHC.

The product does not contain any listed material by REACH XIV.

Relevant Community legislation

Biocide Regulations: 528/2012/EU and its amendments, and 354/2013/EU, 414/2013/EU, 564/2013/EU, 613/2013/EU, 736/2013, 837/2013/EU, 88/2014/EU és 334/2014/EU, 1062/2014/EU

REACH Regulation: 1907/2006/EC and its amendments

CLP Regulation (1272/2008/EC) and its amendments: 1. ATP: 790/2009/EC regulation; 2. ATP: 286/2011/EC regulation; 3. ATP: 618/2012/EU regulation; 4. ATP: 487/2013/EU regulation; 5. ATP: 944/2013/EU regulation; 6. ATP: 605/2014/EU regulation; 7. ATP: 2015/1221/EU regulation; 8. ATP: 2016/918/EU regulation; 9. ATP: 2016/1179/EU regulation

Directive 98/24 / EC on the protection of the health and safety of workers from the risks related to chemical agents at work;

Occupational Exposure Limits: 91/322/EC regulation and its amendments; 2000/39/EC directive and its amendments; Directive 94/33/EC on the protection of young people at work.

Relevant national legislation

Biocidal: 38/2003. (VII.7.) ESzCsM-FVM-KvVM regulation on the conditions for the production and marketing of biocidal products; 316/2013. (VIII.28.) Government Decree on Certain Rules for the Authorization and Marketing of Biocidal Products;

Labour safety: az 1993. évi XCIII. Act on Occupational Safety; 25/2000. (IX.30.) EüM-SzCsM Decree on the Chemical Safety of Workplaces; 33/1998. (VI.24.) NM regulation on the medical examination and opinion on the professional, personal hygiene and fitness for work; 3/2002. (II.8.) SzCsM-EüM regulation on the minimum level of work safety requirements for workplaces;

Chemical safety: 2000. évi XXV. act on Chemical Safety and its amendments, detailed rules for certain procedures and activities related to dangerous substances and dangerous preparations, 44/2000. (XII.27.) EüM regulation and its amendments;

Environmental Protection: 1995. évi LIII. Act on the General Rules for the Protection of the Environment; 2012. évi CLXXXV. law on waste; 225/2015. (VIII.7.) Government Decree on detailed rules for certain activities related to hazardous waste; 72/2013. (VIII.27.) VM Regulation on the Waste List;

Fire protection: 1996. évi XXXI. law on fire protection, technical rescue and fire brigade; az 54/2014. (XII.5.) BM regulation on the National Fire Protection Code.

15.2. **Chemical safety assessment:** no chemical safety assessment has been carried out.

16th section: Other information

The safety data sheet is not intended to guarantee certain characteristics of the product, does not replace the details product specification.

The information, data and recommendations contained in the Safety Data Sheet are based on our best knowledge, which are known and accurate and at the time of issue and are designed to help the safe use of the product.

Store, treat and use the product only as described in the instructions for use.

It is the responsibility of the user to take all necessary precautions when using the product.

This data sheet does not imply any legal obligation or liability for misuse, or improper use, as the conditions of use (handling, application, storage, disposal, etc.) fall outside our control.

Recommendation for Education: Persons who work professionally with the product should be informed of the dangers of working with chemicals and of the general safety and health protection regulations in the framework of repeated annual safety education.

THE SAFETY DATA SHEET IS ALWAYS AVAILABLE TO WORKERS.

Product Classification: Calculation Method.

Full text of all H-phrases and abbreviations in section 3:

Abbreviations of Hazard Classes: (abbreviated numbers mean the class within the class, larger numbers represent a lower risk):

Acute Tox.: acute toxicity; oral: orally; dermal: through the skin; inhal.: inhalation; Repr.: reproductive toxicity; STOT RE: target organ toxicity, repeated exposure; Skin Irrit.: skin irritation; Eye Dam.: serious eye damage;. Aquatic Acute: dangerous for the aquatic environment, acute danger; Aquatic Chronic: it poses a chronic danger to the aquatic environment.

H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H226 Flammable liquid and vapor.
H332 Harmful by inhalation.

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road
ATP Adaption to Technical Progress
BCF Bioconcentration factor
CAS Chemical Abstract Service
DNEL DERIVED NO EFFECT LEVEL: származtatott hatásmentes szint
IATA International Air Transport Association,
ICAO International Civil Aviation Organization Technical Instruction for the Safe Transport of Dangerous Goods by Air,
logP_{o/w} partition coefficient (n-oktanol – water)
IMDG International Maritime Dangerous Goods Code
M: multiplication factor to be used for the determination of acute and chronic aquatic hazard using a weighted summation method
PBT persistent, bioaccumulative and toxic
RID Technical Instructions for the Safety of International Regulations for the International Carriage of Dangerous Goods by Rail
vPvB: very persistent, very bioaccumulative

Sheet History: This data sheet is based on manufacturer data and overwrites previous versions.
The purpose of this amendment is to comply with Regulation (EU) No 2016/1179.

The product's packaging sizes and merchantability:

| | |
|--|-------|
| General public use, for retail distribution | 50 ml |
|--|-------|

Pay attention to safety when using biocides!
Always read the label and instructions before use!

To avoid risks to human health and to the environment, must be observed the instructions for use!
Carefully read the information on the label and the instructions for safe use before each use!
The safety data sheets of the products are publicly available and can be downloaded free of charge from our website!