



SAFETY DATA SHEET

prepared on the basis of Regulation (EC) 1907/2006 as amended by Regulation (EU) 2020/878

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

1.1. Product identifier:

Nupet SpotOn - Floh- & Zeckenmittel für Hunde und Katzen

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

Relevant uses: Biocidal product, product type 19. Protection of dogs against fleas and/or ticks following topical application.

For non-professional and professional use.

Uses advised against: Any uses aside from those mentioned above.

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

Animall Professional Care Kft.

Seat: H-2112 Veresegyház, Hársas u. 14., Hungary

Manufacturing site: H-2376 Hernád, Fő u. 183., Hungary

Telephone no.: +36 20 852 6464

E-mail: info@animall.hu

Website: www.animall.hu

1.4. Emergency telephone number:

Health Toxicology Information Service/Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)

H-1097 Budapest, Albert Flórián út 2-6., Hungary

Telephone: **+36/80-201-199** (0-24 h, free of charge, only from Hungary)

+36/1-476-6464 (0-24 h, regular charge, also from abroad)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to regulation (EC) No. 1272/2008 (CLP): the product is **not a hazardous mixture**.
Classification:

Physical hazard:	no classification required
Health hazard:	no classification required
Environmental hazard:	no classification required

2.2. Label elements

Pictogram: not required.

Signal word: not required.

Hazard statement(s): not required.

Precautionary statement(s): not required.

Active substance: 5% w/w citronellal

2.3. Other hazards

The ingredients of the product do not meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) substances, are not classified as substances with endocrine disrupting properties and are not included in the databases of endocrine disrupting or potentially endocrine disrupting substances.

SECTION 3: Composition/information on ingredients

3.1. Substances: not applicable.

3.2. Mixtures: the product is a mixture.

The mixture contains the following ingredients to be indicated:



Erstellt: 27 Mai 2026. Ersetzt die
vorherige Version.

Relevant ingredient	CAS no.	EC no.	Conc. w/w%	Hazard class, category, H-statement
Citronellal*	106-23-0	203-376-6	5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317

*: Classification as provided by the supplier/manufacturer.

Other components of the product are not considered hazardous substances or mixtures according to current legislation, or their concentration in the product does not reach the level above which their presence must be indicated or considered for the hazard classification.

The hazard classes and categories refer to the components, the hazard classification of the product is given in Section 2.

For the text of the H-statements, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: Immediately remove the injured person from the source of danger. Remove contaminated clothing and footwear immediately. Do not give liquids to drink and do not induce vomiting for an unconscious or convulsing victim.

In case of inhalation: move the injured person to fresh air, keep them warm and calm.

In case of skin contact: after use or accidental skin contact, wash hands or other exposed skin surface thoroughly with soap and water.

In case of eye contact: rinse eyes with running water while pulling the eyelids apart and constantly moving the eyeball. Remove the contact lenses, if present and easy to do so, then continue rinsing. If symptoms persist, consult a specialist.

In case of ingestion: rinse mouth with water, then drink 1-2 glasses of water. Do not induce vomiting. Ask for the advice of a doctor, show the label of the product or the safety data sheet.

4.2. Most important symptoms and effects, both acute and delayed: significant effect, critical hazard not expected.

4.3. Indication of any immediate medical attention and special treatment needed: not relevant.

Note to physician: treatment based on observed symptoms is required. In case of ingestion of large quantities, consult a toxicologist immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.1 Suitable extinguishing media: standard extinguishing media: alcohol-resistant foam, carbon dioxide, dry extinguishing media, water spray. It is advised to select the extinguishing media based on the combustible materials in the environment.

5.1.2 Unsuitable extinguishing media: use of a direct strong water jet is not recommended.

5.2. Special hazards arising from the substance or mixture: in case of fire, hazardous gases may be released: carbon monoxide, carbon dioxide, silicon oxide.

5.3. Advice for firefighters: complete personal protective equipment and breathing apparatus independent from the air of the environment. Keep unauthorized persons or persons without protective equipment away. Avoid inhaling toxic gases and fumes.

The remains of the burning and the contaminated extinguishing water must be disposed of in accordance with local regulations, do not let them into sewers, soil, or water bodies.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep unauthorized persons away. Do not inhale vapours or spray. Avoid direct contact. In the event of a spill, be aware that there may be an increased risk of slipping.

6.2. Environmental precautions: do not let spilled material into the sewer or surface waters. Large spills must be contained. Waste management and disposal should be carried out in accordance with local regulations.

6.3. Methods and material for containment and cleaning up



Spilled product must be soaked up with an inert, liquid absorbing material (e.g. sand, earth, diatomaceous earth, general absorbing material) with good absorption capacity, collected, stored with proper label and disposed according to local regulations.

6.4. Reference to other sections: see also sections 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Always read the product label before use. Follow the instructions for use.

Do not use on injured, abraded, infected or inflamed skin surface.

7.2. Conditions for safe storage, including any incompatibilities

Store away from children.

Store in original packaging, away from food, feed and drinks, as well as any incompatible substances (oxidizing agents, acids, bases).

Storage temperature should not exceed 40°C. Protect from frost!

Shelf life: 2 years.

7.3. Specific end use(s): Biocidal product, product type: 19. Suitable for protection against fleas and/or ticks on dogs following topical application.

Users should always read the user manual and follow the instructions for safe handling and use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit value (permissible limit value in the workplace air): not established for the components of the product.

8.2. Exposure controls

8.2.1 Appropriate engineering controls

Technical measures: not required.

8.2.2 Individual protection measures, such as personal protective equipment

Hygiene measures:

- Do not eat, drink or smoke while using the product.
- Wash your hands after applying the product.

Personal protective equipment:

- **Hand protection:** not required.
- **Respiratory protection:** not required.
- **Eye protection:** not required.
- **Skin protection:** not required.

8.2.3 Environmental exposure controls

Environmental protection measures: do not let the product enter sewers, surface waters, or groundwater.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Appearance:	colourless, homogeneous liquid
Colour:	colourless
Odour:	characteristic to the product
Odour threshold:	no data available*
Melting point/freezing point:	below -50°C
Boiling point or initial boiling point and boiling range:	above 200°C
Explosion limits:	not relevant, the product is not explosive
Flash point:	≥280°C
Auto-ignition temperature:	no data available*
Decomposition temperature:	> 200°C
pH:	not relevant, the product is not an aqueous mixture
Kinematic viscosity:	viscous



Erstellt: 27 Mai 2026. Ersetzt die
vorherige Version.

Solubility in water:	not soluble
Partition coefficient, log $P_{o/w}$:	not relevant, the product is a mixture
Vapour pressure:	no data available*
Relative density:	< 1
Oxidative properties:	non-oxidising

*: The manufacturer did not perform tests regarding the indicated parameter(s) with the product, or the results of the tests are not available at the time when the current safety data sheet is issued, or the data have no impact on the assessment of the physical hazards of the product.

9.2. Other information

9.2.1 Information with regard to physical hazard classes: classification of the product into physical hazard classes is not necessary based on the available data, information, and experience.

9.2.2 Other safety characteristics: no further information relevant for the safe use of the mixture.

SECTION 10: Stability and reactivity

10.1. Reactivity: no known reactivity.

10.2. Chemical stability: stable at normal temperature and pressure when handled and stored as recommended (in accordance with section 7.2).

10.3. Possibility of hazardous reactions: not known.

10.4. Conditions to avoid: high temperature, frost.

10.5. Incompatible materials: strong bases, strong acids, oxidizing agents.

10.6. Hazardous decomposition products: no hazardous decomposition products if stored and used according to recommendations under normal conditions.

SECTION 11: Toxicological information

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

Classification of the product into health hazard classes is not necessary.

Acute toxicity (oral, dermal, inhalation): the product is not classified in any of the acute toxicity hazard classes based on the ATE_{mix} values, the criteria for classification in acute hazard classes are not met.

Skin corrosion/skin irritation: based on the composition and the available data, the classification criteria are not met.

Serious eye damage/eye irritation: based on the composition and the available data, the classification criteria are not met.

Respiratory or skin sensitization: Skin sensitization: based on the results of the sensitization test conducted with the product (OECD 429, local lymph node assay on mice), the product is not a skin sensitizer. Respiratory sensitization: based on the composition and the available data, the classification criteria are not met.

Carcinogenicity: based on the available data, the product does not contain any ingredients classified as a carcinogen, the classification criteria are not met.

Germ cell mutagenicity: based on the available data, the product does not contain any mutagenic components, the classification criteria are not met.

Reproductive toxicity: based on the available data, the product does not contain an ingredient classified as toxic to reproduction, the classification criteria are not met.

Specific target organ toxicity after single exposure (STOT SE): according to the composition and the available data, the classification criteria are not met.

Specific target organ toxicity after repeated exposure (STOT RE): according to the composition and the available data, the classification criteria are not met.

Aspiration hazard: based on the composition and the available data, the classification criteria are not met.

11.1.1. Summary of study results:

OECD 429 skin sensitization test (local lymph node assay) on mice: based on the results of the test, the product is not a skin sensitizer.

11.1.2. Relevant toxicological data:

No further data is available for the product.

Information on ingredients:

Citronellal:

Acute oral LD_{50} (rat): 2150-2872 mg/kg bw



Erstellt: 27 Mai 2026. Ersetzt die
vorherige Version.

Acute dermal LD₅₀ (rat): 2000 mg/kg bw
Acute dermal LD₅₀ (rabbit): 2500-5000 mg/kg bw

11.1.3. Information on likely routes of exposure:

Ingestion, inhalation, skin contact, eye contact.

11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:

No known significant effects or critical hazards.

11.1.6. Interactive effects:

No data available.

11.1.7. Absence of specific data:

No data available.

11.1.8. Other information:

Skin sensitization: the classification was based on the test available with the product. On the basis of the results of the OECD 429 skin sensitization test, the product is not a skin sensitizer. Other endpoints: no other toxicological tests are available with the product. The classification for these endpoints is based on the properties of the relevant components.

11.2. Information on other hazards

Effect on the endocrine system: the components of the product are not included in the databases of endocrine disruptors or possible endocrine disruptors.

SECTION 12: Ecological information

12.1. Toxicity:

no tests are available with the product. Based on its composition, the product does not pose any acute or chronic threats to the aquatic life.

Data on citronellal:

LC₅₀ (fish, 96 h): 22 mg/L

EC₅₀ (*Daphnia magna*, 48 hours): 8.7 mg/L

EC₅₀ (algae, 72 hours): 6.74-13.33 mg/L

12.2. Persistence and degradability: citronellal is biodegradable. Other components of the product decompose abiotically.

12.3. Bioaccumulative potential: bioaccumulation of the product components is unlikely.

12.4. Mobility in soil: no data available.

12.5. Results of PBT and vPvB assessment: the components of the product are not PBT or vPvB substances.

12.6. Endocrine disrupting properties: the components of the product are not included in the currently available lists of endocrine disrupting or suspected endocrine disrupting substances.

12.7. Other adverse effects: not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

The guidelines for handling product residues and waste can be found in Directive 2008/98/EC.

Do not empty waste into drains, rivers, watercourses, lakes, standing water, natural watercourses.

The waste and packaging of the product may be treated as household waste.

Classification of the product waste may vary depending on the place of use and the circumstances of its transformation into waste. Product waste and packaging should be disposed according to local regulations.

SECTION 14: Transport information

The product is **not a dangerous good** according to the conventions governing the international transport of dangerous goods - ADR/RID, IMDG and IATA.

14.1. UN number or ID number: not regulated.

14.2. UN proper shipping name: not regulated.

14.3. Transport hazard class(es): not regulated.



Erstellt: 27 Mai 2026. Ersetzt die
vorherige Version.

14.4. Packing group: not regulated.

14.5. Environmental hazards: none, not a marine pollutant.

14.6. Special precautions for user: not relevant.

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

The active ingredient citronellal is included in Annex I (active ingredients relevant for simplified authorisation) of Regulation (EU) 528/2012 concerning the making available on the market and use of biocidal products.

The product does not contain components listed in Annex XVII. of REACH. The product does not contain SVHC or SVHC candidate substances.

Relevant Community legislation:

- **REACH regulation:** REGULATION (EC) No. **1907/2006** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (18 December 2006) concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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 - and its amendments.

- **CLP regulation:** REGULATION (EC) No. **1272/2008/EC** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (16 December 2008) on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 - and its amendments.

- **BPR regulation:** REGULATION (EU) No. **528/2012/EU** OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (22 May 22 2012) concerning the making available on the market and use of biocidal products – and its amendments.

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

- Directive **2008/98/EC** of the European Parliament and the Council on waste and repealing of certain Directives. – and its amendments.

15.2. Chemical safety assessment: no chemical safety assessment was performed for the product.

SECTION 16: Other information

The safety data sheet refers to the delivered state of the product, it only characterizes the product in terms of safety requirements and does not replace the product specification.

The information, data and recommendations contained in the safety data sheet are based on the best of our knowledge and are known and believed to be accurate and correct at the time of issue. The application of the mentioned recommendations and the use of the product is the responsibility of the product user.

The current data sheet does not imply any legal obligation or responsibility for the consequences of incorrect use. Since we have no influence on all factors affecting the safe use of the product, the safety data sheet does not form the basis of any direct or indirect legal obligations or liability for any consequences, damage, loss, or costs resulting from incorrect use, storage, handling, or disposal of the product.

Recommendation for education: Persons working with the product must be informed about the hazards of working with chemicals and about the general occupational health and safety regulations within the framework of yearly occupational safety training.

THE SAFETY DATA SHEET SHOULD ALWAYS BE AVAILABLE TO USERS.

Classification of the product: endpoint of skin sensitization: the classification was based on the test results performed with the product. Other endpoints: classification based on the calculation method, on the basis of the product composition, taking into account the concentration and classification of the components according to Regulation 1272/2008/EC.

Abbreviations and H-phrases in the safety data sheet:

The number after the hazard class (1 – 4) in section 3 means the category within the class; a higher number means a lower hazard.

Skin Irrit.: skin irritating, Eye Irrit.: eye irritating, Skin Sens.: skin sensitising.



H315 – Causes skin irritation.
H317 – May cause an allergic skin reaction.
H319 – Causes serious eye irritation.

ADR European Agreement Concerning the International Carriage of Dangerous Goods by Road
ATE_{mix} Acute Toxicity Estimate (mixture) – Estimated acute toxicity value for a mixture.
BPR Biocidal Products Regulation – Regulation (EU) 528/2012 and its amendments.
CAS Chemical Abstract Service, CAS numbers are used to help identify substances.
CLP Classification, Labelling and Packaging – Regulation (EC) 1272/2008 and its amendments.
EC European Community (number).
IATA International Air Transport Association
ICAO International Civil Aviation Organization Technical Instruction for the Safe Transport of Dangerous Goods by Air
IMDG International Maritime Dangerous Goods
IMO International Maritime Organization
LC₅₀ the concentration of test substance that kills 50% of the experimental animals.
OECD Organisation for Economic Co-operation and Development
PBT Persistent, Bioaccumulative, Toxic
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals – Regulation (EC) 1907/2006
RID Regulation Concerning the International Transport of Dangerous Goods by Rail
SVHC Substance of Very High Concern
vPvB very Persistent, very Bioaccumulative

Data sheet history

Version number of current safety data sheet: 1.0-EN. Prepared on the basis of the data provided by the manufacturer and information contained in the safety data sheet of the product components. Preparation date: 29.05.2024.