

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

1.1 Product identifier

Trade name: **BIO - SPOT ON with neem oil**

Version: 4 tubes of 1g each - for cats and small dogs max. 10kg; 4 tubes of 2,5g each - for big cats and medium dogs 10-20kg

1.2 Essential identified uses of the substance or mixture and the uses advised against

Identified uses: Dog and cat care product; for external use

Uses advised against: All other uses apart from the ones listed further above.

1.3 Details regarding the Safety Data Sheet supplier

Manufacturer/distributor: Wytwórnia Chemiczna PESS

Production plant: Nieznanowice 158, 32-420 Gdów, Poland

Sales Office: ul. Ks. Pawlickiego 24, 30-320 Kraków, Poland

Phone: (+48) 12 266 90 98/ (+48) 12 269 12 71

Website: www.pess.com.pl www.pess.eu

E-mail: pess@interia.pl pess@pess.com.pl

Person in charge of the Safety Data Sheet: Mrs Małgorzata Lorek-Serwatka

E-mail: pess@interia.pl

1.4 Emergency phone number

Toxicological Information Unit and Analytical Laboratory, Jagiellonian University, *Collegium Medicum*, Krakow: (+48) 12 411 99 99

Manufacturer/distributor: (+48) 12 266 90 98 (Mon. - Fri.) / 9:00 a.m. - 4:00 p.m.)

SECTION 2: Hazard identification

2.1 Classification of a substance or mixture

Classification of a mixture in line with the Regulation 1272/2008 (CLP)

Not applicable.

As regards all classifications not fully addressed in this section, the unabridged texts are comprised in SECTION 16

2.2 Labelling components

Classification of a mixture in line with the Regulation 1272/2008 (CLP)

Not applicable.

2.3 Other hazards

No specific hazards have been identified, as long as pertinent regulations/recommendations for storage and handling are strictly followed.

SECTION 3: Composition/information on the ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical characteristics:

Liquid, complex, oil formulation, mixture of grapeseed oil and Melia azadirachta seed oil (neem oil).

Hazardous ingredients:

Not applicable.

As regards all classifications not fully addressed in this section, the unabridged texts are comprised in SECTION 16

SECTION 4: First-aid measures

4.1 Description of first aid measures

Swallowing:

Rinse the mouth thoroughly with water. Drink plenty of water. In case of disturbing symptoms or if you feel unwell, contact a doctor or a toxicological centre.

Skin contact:

In the event of skin irritation, immediately discontinue the use of the agent. Should the skin irritation persist, seek medical advice/attention.

Eye contact:

In the event of a contact with the eyes, keep rinsing the eyes with plenty of water for at least 15 minutes. Call a doctor, if necessary.

Inhalation:

Not applicable

4.2 Most important symptoms and effects, both acute and delayed, effects of exposure

Not applicable.

4.3 Indication of any immediate medical attention and special treatment required.

Not applicable.

SECTION 5: Fire-fighting measures

5.1 Extinguishing agents

Use the extinguishing agents in line with the actual size and type of fire.

Extinguishing agents: dispersed water streams, carbon dioxide, extinguishing powder, foam.

Inappropriate extinguishing agents: direct water jet.

5.2 Special hazards arising from the substance or a mixture

Combustion products may be harmful to health. Do not breathe smoke.

5.3 Information for firefighters

Use breathing apparatus/independent breathing apparatus when extinguishing the fire.

Dispose of the fire debris and contaminated extinguishing water in line with the applicable regulations.

SECTION 6: Procedures to be applied upon accidental release into the environment

6.1 Personal precautionary measures, protective equipment, and procedures applicable in any emergency situations

For non-assistance personnel/assistance personnel:

Wear protective clothing and personal protective equipment. Avoid skin contamination.

6.2 Environmental precautionary measures

Prevent any accidental runoff (do not contaminate) into the drains/surface water/ground water.

6.3 Methods and material for containment of contamination and its subsequent clean-up

Collect contamination mechanically or manually (whilst ensuring to use personal protective equipment) with brooms and/or shovels into the marked containers. Dispose of the collected waste in line with the applicable regulations.

6.4 References to other sections

Data on restrictions, control of exposure, personal protective equipment, and waste disposal guidelines may be found in SECTION 8 and SECTION 13.

SECTION 7: Handling and storage of substances and mixtures

7.1 Precautions for safe handling

Wash hands thoroughly after use. Keep out of reach of children.

7.2 Conditions for safe storage, including any respective incompatibilities

Store the product in its original packaging only. It is recommended to store the product at 5-25°C, away from heat and fire sources. Do not freeze. Store away from any foodstuffs.

7.3 Specific end use(s)

None

SECTION 8: Control of exposure/personal protection measures

8.1 Control parameters

Maximum permissible concentration in the working environment (NDS, NDSh, NDSP):
for a mixture - no data available

8.2 Exposure controls

For a mixture - no special personal protective equipment required

For a chemical substance -

Technical control measures:

Use exhaust ventilation at the workstation.

Personal protective equipment:

Respiratory protection - in the event of insufficient ventilation of the workplace, failure of the exhaust system, or increased exposure, wear full face masks with a gas filter/filter (e.g. EN136)

Eye protection - Wear safety glasses (e.g. EN 166-168, EN 170, EN 172).

Skin protection - wear protective clothing and footwear, chemical-resistant protective gloves (e.g. nitrile, regarding prolonged direct contact - Protection Factor 6 is recommended). Select the protective clothing appropriate for the type of activities to be pursued and potential effects.

Thermal hazards - no special protection required.

Environmental exposure controls - Prevent the substance from infiltrating into the environment, sewage system/surface water/ground water.

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General safety and hygiene instructions - Do not eat, drink, or smoke, when pursuing work duties. Follow the precautionary measures recommended for handling chemical agents.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

(a) Appearance	a straw-coloured, oily liquid
(b) Odour	characteristic of neem oil
(c) Odour threshold	not determined
(d) pH	not determined
(e) Melting point/freezing point	N/A
(f) Initial boiling point and boiling range	N/A
(g) Flash point	N/A
(h) Evaporation rate	N/A
(i) Flammability	N/A
(j) Upper/lower flammability limit or upper/lower explosive limit	N/A
(k) Vapour pressure	N/A
(l) Vapour density	N/A
(m) Relative density	0,93-96 (20°C)
(n) Solubility	in water: insoluble
(o) Apportionment coefficient: n-octanol/water	not determined
(p) Self-ignition temperature	not determined
(q) Decomposition temperature	not determined
(r) Viscosity	25-33 mPa.s (20 °C)
(s) Explosive properties	N/A
(t) Oxidising properties	N/A

9.2 Other information

No other information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions as long as storage and handling instructions are strictly followed (SECTION 7).

10.2 Chemical stability

The product is stable under the specified storage conditions (SECTION 7).

10.3 Potential for hazardous reactions

Not known, as long as the product is stored and used as recommended (SECTION 7).

10.4 Conditions to be avoided

See SECTION 7.

10.5 Incompatible materials

Not identified.

10.6 Hazardous decomposition products

No hazardous decomposition products have been identified whatsoever, as long as the recommendations for use and storage of the product are strictly followed (SECTION 7).

SECTION 11: Toxicological information

The product has not been tested, a scope of information comprised in this section is based on the chemical data indicated in SECTION 3.

11.1 Information on toxicological effects

(a) acute toxicity

Mixture: The product is not classified as hazardous in this class.

(b) Skin corrosion/irritation

Mixture: The product is not classified as hazardous in this class.

(c) serious eye damage/irritation

Mixture: The product is not classified as hazardous in this class.

(d) respiratory or skin allergy

Mixture: The product may cause allergic reaction when in contact with the skin

(e) germ cell mutagenicity

Mixture: The product is not classified as hazardous in this class.

(f) Carcinogenicity

Mixture: The product is not classified as hazardous in this class.

(g) reproductive toxicity

Mixture: The product is not classified as hazardous in this class.

(h) Target organ toxicity - single exposure

Mixture: The product is not classified as hazardous in this class.

(i) Specific target organ toxicity - repeated exposure

Mixture: The product is not classified as hazardous in this class.

(j) hazard due to aspiration

Mixture: The product is not classified as hazardous in this class.

Information on the likely ways of exposure:

Not applicable.

Symptoms related to physical, chemical and toxicological properties:

Not applicable.

Delayed, immediate, and chronic effects from short and long-term exposure

Not applicable.

Other information

No data available

SECTION 12: Environmental information

The product has not been tested and the information in this section is based on the chemical data indicated in SECTION 3.

12.1 Toxicity

Acute toxicity

Mixture: The product is not classified as hazardous to the environment in pursuance with the applicable regulations.

12.2 Persistence and degradability

Mixture: No data available.

12.3 Bioaccumulative potential

Mixture: No data available.

12.4 Mobility in soil

Mixture: no data available

12.5 Results of PBT and vPvB assessment

Mixture: does not meet the PBT (persistent, bioaccumulative and toxic) and vPvB (very persistent/high bioaccumulative) criteria.

12.6. Other adverse effects

The product does not contain any substances listed in the EU Regulation 1005/2009 on the substances depleting the ozone layer.

SECTION 13: Disposal of waste

13.1 Waste disposal methods

Used product and packaging may be disposed with municipal waste.

The remainder of the unused product should be handed over to the agents specializing in the recovery and disposal of waste.

Any resultant waste should be stored, transported and recovered/recycled or disposed of in compliance with pertinent provisions of the Act on Waste and the derivative regulations.

Waste should be classified whilst making use of appropriate codes and names, in conformity with the current waste catalogue. The disposal of waste into soil and ground, sewage system, rivers, water reservoirs, is strictly prohibited.

Classification of waste in compliance with the Regulation of the Minister of the Environment of December 9, 2014 on the waste catalogue (Journal of Laws No. 0, item 1923).

Waste handling in compliance with the Act of December 14, 2012 on Waste Management (Journal of Laws of 2013, No. 0, item 21, as amended), and the Act of June 13, 2013, on Packaging and Waste Packaging Management (Journal of Laws No. 0, item 888, as amended).

SECTION 14: Transport information

The mixture is not classified as dangerous within the meaning of the transport regulations.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

N/A

14.5 Environmental hazards

N/A

14.6 Special precautions for user

N/A

14.7 Transport in bulk according to Annex II of MARPOL 73/78 Convention and the IBC Code

N/A

SECTION 15: Information pertaining to applicable legislation

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

- 1) Regulation (EC) No 1907/2006 of the European Parliament and of the Council of December 18, 2006 (REACH), as amended
- 2) Regulation (EC) No 1272/2008 of the European Parliament and of the Council of December 16, 2008 (CLP/GHS), as amended
- 3) The Act of February 25, 2011, on Chemical Substances and Their Mixtures (Journal of Laws No. 63, item 322, as amended)
- 4) Regulation of the Minister of Health of August 10, 2012, on the Criteria and Methods of Classification of Chemical Substances and Their Mixtures (Journal of Laws No. 0, item 1018, as amended).
- 5) Regulation of the Minister of Health of April 20, 2012, on the labelling on the packaging containing hazardous substances, their mixtures, and certain other mixtures (Journal of Laws No. 0, item 445, as amended).
- 6) Regulation of the Minister of Labour and Social Policy of June 6, 2014, on the maximum permissible concentrations and intensities of the factors harmful to health in the working environment (Journal of Laws No. 0 item 817, as amended).
- 7) Regulation of the Minister of the Environment of September 3, 2014, on the templates for package labelling (Journal of Laws No. 0, item 1298).
- 8) Act of December 14, 2012, on waste (Journal of Laws 2013 No. 0, item 21, as amended).
- 9) Act of June 13, 2013, on the management of packaging materials and packaging waste materials (Journal of Laws No. 0, item 888, as amended)
- 10) Regulation of the Minister of the Environment of December 9, 2014 on the waste classification catalogue. (Journal of Laws No. 0, item 1923).
- 11) Act of August 19, 2011, on transporting hazardous goods (Journal of Laws No. 227, item 1367, as amended).
- 12) Classification of hazardous materials according to the European Agreement on the International Carriage of Dangerous Goods by Road ADR (ADR regulations).

15.2 Chemical safety assessment

Chemical safety assessment of the mixture was not carried out. Pertinent notes on the handling procedures are comprised in SECTIONS 7 and 8.

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SECTION 16: Other information

16.1 Additional information on the mixture:

Animal care product for outdoor use.

16.2 Explanations of abbreviations and phrases:

Not applicable.

16.3 Additional information on the Safety Data Sheet

This Safety Data Sheet is furnished directly to the user of the product, with no warranty or surety as to its completeness, or detailed nature of any information or recommendations contained therein.

This Sheet does not constitute any legal grounds for any liability whatsoever on the part of the supplier. The company shall not be liable for any disease or injury of any nature sustained in result of the use or misuse of the Safety Data Sheet for the compound or material to which it pertains.

The information comprised in this Data Sheet is based on the data furnished by the suppliers of the substances and merely represents the current state of our knowledge and experience with regard to the safe use of the product at issue.

The vertical lines to the left of the text indicate the changes with regard to the previous version of the Data Sheet.

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