

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

1.1 Product identifier

Trade name: **BIO - SPOT ON with dimethicone and geranium oil**

Version: 4 tubes of 1g each - for cats and small dogs max. 10kg; 4 tubes of 2g 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: Ms 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)

Skin Sens. 1

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)

Pictograms:



Caution:

Uwaga! Achtung! Warning! Atencion! Atentie! Upozorenje!

MATERIAL SAFETY DATA SHEET

Publication date: 04.2019

Revision date: ---

Revision number: 1

Precautionary statements:

H317 Może powodować reakcję alergiczną skóry. / Kann allergische Hautreaktionen verursachen. / May cause an allergic skin reaction. / Puede provocar una reacción alérgica en la piel. / Poate provoca o reacție alergică a pielii. / Može izazvati alergijsku reakciju na koži.

Statements recommending specific precautionary measures (prevention):

Statements recommending specific precautionary measures (reaction):

P333+P313 W przypadku wystąpienia podrażnienia skóry lub wysypki: Zasięgnąć porady / zgłosić się pod opiekę lekarza. / Bei Hautreizung oder -ausschlag: Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. / If skin irritation or rash occurs: Get medical advice/attention. / En caso de irritación o erupción cutánea: Consultar a un médico. / În caz de iritare a pielii sau de erupție cutanată: consultați medicul. / U slučaju nadražaja ili osipa na koži: zatražiti savjet/pomoć liječnika.

Statements recommending specific precautionary measures (disposal):

P501 Zawartość/pojemnik usuwać zgodnie z lokalnymi przepisami / Inhalt/Behälter ... zuführen. / Dispose of contents/container in accordance with all local and national regulation / Eliminar el contenido/el recipiente en ... / Aruncați conținutul/recipientul la ... / Odložiti sadržaj/spremnik u/na ...

Supplementary information:

PRECAUTIONARY MEASURES:

Wash hands thoroughly after use. Do not use on any cut or irritated skin. In the event of: *accidental swallowing: rinse the mouth thoroughly with water, drink plenty of water; *skin irritation: immediately discontinue the use of the agent, *accidental contact with the eyes: rinse the eyes thoroughly with water for 15 minutes.

Used-up product and packaging may be disposed of along with municipal waste. Any remaining quantities of unused product should be handed over to the services specialising in waste recycling and safe disposal.

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

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.

MATERIAL SAFETY DATA SHEET

Publication date: 04.2019

Revision date: ---

Revision number: 1

3.2 Mixtures

Chemical characteristics:

Liquid, complex, oil formulation, mixture of silicone oil, isopropyl myristate, and geranium oil

Hazardous ingredients:

CHEMICAL NAME	CONCENTRATION IN THE PRODUCT [%] weight	CAS No	INDEX No	CLASSIFICATION (REGULATION 1272/2008 CLP)
PELARGONIUM GRAVEOLENS FLOWER OIL	0.5	8000-46-2 90082-51-2	N/A	Eye Dam. 1; H318, Skin Irrit. 2; H315, Skin Sens. 1; H317, Aquatic Chronic 3; H412

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

The product may cause an allergic skin reaction.

Occupational exposure: as above

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

Procedure:

Symptomatic treatment.

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, NDSch, NDSP): for a mixture - no data available

8.2 Exposure controls

MATERIAL SAFETY DATA SHEET

Publication date: 04.2019

Revision date: ---

Revision number: 1

For a mixture - no special personal protective equipment required

For a chemical substance - essential (volatile) oils:

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.

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 geranium 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	dimethicone 0.97 (20°C)
(n) Solubility	in water: insoluble, acetone: very poorly soluble, ethanol: very poorly soluble, diethylene ether: miscible (in all proportions), aliphatic hydrocarbons: miscible (in all proportions) aromatic hydrocarbons: miscible (in all proportions).

MATERIAL SAFETY DATA SHEET

Publication date: 04.2019

Revision date: ---

Revision number: 1

(o) Apportionment coefficient: n-octanol/water	not determined
(p) Self-ignition temperature	>400 °C
(q) Decomposition temperature	not determined
(r) Viscosity	350 mm ² /s (25 °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

Geranium oil: irritates the skin and mucous membranes

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

(c) serious eye damage/irritation

Geranium oil: strong irritating effect; attendant hazard of serious eye damage.

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

(d) respiratory or skin allergy

Geranium oil: may cause allergy when in contact with the skin

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

(e) germ cell mutagenicity

Geranium oil: no mutagenicity reported

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

MATERIAL SAFETY DATA SHEET

Publication date: 04.2019

Revision date: ---

Revision number: 1

(f) Carcinogenicity

Geranium oil: no carcinogenicity reported

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

(g) reproductive toxicity

No reproductive toxicity reported

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

(h) Target organ toxicity - single exposure

Geranium oil: if swallowed, exerts strong caustic effects in the mouth and throat area; oesophagus and stomach perforation hazard

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

(i) Specific target organ toxicity - repeated exposure

Geranium oil: no data available

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

(j) hazard due to aspiration

geranium oil: occupational exposure: apart from local irritation, it may cause narcotic effects by inhalation of high concentrations, with an attendant hazard of central respiratory paralysis

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

Information on the likely ways of exposure:

Geranium oil: may cause allergy when in contact with the skin

Symptoms related to physical, chemical and toxicological properties:

No data on the symptoms related to physical, chemical and toxicological properties are available.

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

May cause allergic reaction when in contact with the skin.

Effects of interactions

No data available.

No detailed data available.

Data regarding similar substances or mixtures were not used.

Information on the mixtures vs. information on the substances

No data available

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

Geranium oil: Aquatic Chronic 3

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.

SECTION 16: Other information

16.1 Additional information on the mixture:

MATERIAL SAFETY DATA SHEET

Publication date: 04.2019

Revision date: ---

Revision number: 1

Animal care product for outdoor use.

16.2 Explanations of abbreviations and phrases:

Eye Dam. 1 Serious eye damage, hazard category 1

Skin Irrit. 2 Skin irritation, hazard category 2

Skin Sens. 1 Skin sensitisation, hazard category 1

Aquatic Chronic 3 Hazardous to the aquatic environment, hazard category 3

H315 Causes skin irritation

H317 May cause allergic skin reaction

H318 Causes severe eye damage

H412 Harmful to aquatic life, with long-lasting effects

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.

* * * * *