

MATERIAL SAFETY DATA SHEET

Publication date: 04.2019
Revision date: ---
Revision number: 1

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

1.1 Product identifier

Trade name: **BIO – collar with essential oils**

Version: puppies 35 cm, dogs 40 cm, 60 cm

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

Identified uses: dog 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, Kraków: (+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!

Precautionary statements:

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H317 Može 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.

H412 Działa szkodliwie na organizmy wodne, powodując długotrwałe skutki. / Schädlich für Wasserorganismen, mit langfristiger Wirkung./ Harmful to aquatic life with long lasting effects./ Nocivo paralos organismos acuáticos, con efectos nocivos duraderos./ Nociv pentru mediul acvatic cu efecte pe termen lung./ Štetnoza vodeni okoliš s dugotrajnim učincima.

Statements recommending specific precautionary measures (prevention):

P273 Unikać uwolnienia do środowiska. / Freisetzung in die Umwelt vermeiden./ Avoid release to the environment./ Evitar su liberación al medio ambiente./ Evitați dispersarea în mediu./ Izbjegavati ispuštanje u okoliš.

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 ...

OTHER PRECAUTIONARY MEASURES:

Do not put the collar on young dogs (up to 3 months old). After application wash your hands. Do not apply on any cut or irritated skin. In the event of skin irritation, remove the collar immediately. Store in the original container only. It is recommended to store the product at 2-25°C, away from any heat and fire sources. 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.

3.2 Mixtures

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Chemical characteristics:

Composite agent. Matrix in the form of a plastic strip, natural essential oils (cedar, lemon, mint, eucalyptus).

Hazardous ingredients:

CHEMICAL NAME	CONCENTRATION IN THE PRODUCT [%] weight	CAS No	INDEX No	CLASSIFICATION (REGULATION 1272/2008 CLP)
Lemon oil (Hazardous ingredients: D-limonen)	0,5-1,00 50-100%	--- 5989-27-5	---	Flam. Liq. 3; H226, Asp. Tox. 1; H304, Skin Irrit. 2; H315, Skin Sens. 1; H317, Aquatic Chronic 1; H410
Eucalyptus oil EUCALYPTUS GLOBULUS LEAF OIL	0,5-1,00	8000-48-4	---	Asp. Tox. 1; H304, Skin Sens. 1; H317, Aquatic Chronic 2; H411
Mint oil MENTHA ARVENSIS HERB OIL	0,5-1,00	90063-97-1	---	Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Irrit. 2; H319 Aquatic Chronic 2; H411

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 the event of disturbing symptoms, or feeling 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 with soap and water after handling the collar. Keep out of reach of children.

7.2 Conditions for safe storage, including any respective incompatibilities

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Store the product in its original packaging only. It is recommended to store the product at 2 - 25°C, away from heat and fire sources, and use it immediately after opening the packaging. 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 - 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	Red or green plastic strap, red or green plastic buckle
(b) Odour	characteristic of lemon, mint, eucalyptus oils
(c) Odour threshold	not determined
(d) pH	not determined
(e) Melting point/freezing point	approx. 130°C (softening - from 80°C)
(f) Initial boiling point and boiling range	N/A
(g) Flash point	N/A

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(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	(PVC) 1,25 g/cm ³
(n) Solubility	(PVC) insoluble in water, soluble in: cyclohexanone, tetrahydrofuran, chloroethylene, nitrobenzene, dimethylformamide, ketones, dioxane
(o) Apportionment coefficient: n-octanol/water	not determined
(p) Self-ignition temperature	(PVC) >390 °C
(q) Decomposition temperature	>200 °C (over 20 minutes)
(r) Viscosity	N/A
(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

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(a) acute toxicity

Lemon oil (d-limonen): oral: szczur LD₅₀ 4400 mg/kg

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

(b) Skin corrosion/irritation

Lemon, mint oils: moderate skin irritating effect.

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

(c) serious eye damage/irritation

Mint oil: moderate eye irritating effect.

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

(d) respiratory or skin allergy

Lemon, mint, eucalyptus oils: 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

Essential oils: no mutagenicity reported

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

(f) Carcinogenicity

Essential oils: no carcinogenicity reported

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

(g) reproductive toxicity

Essential oils: No reproductive toxicity reported

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:

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

Lemon, eucalyptus oils: may cause strong allergy reaction in cats

SECTION 12: Environmental information

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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

Lemon oil (D-limonen)

Ryby, *Pimephales promelas*, 96 godzin: LC₅₀ : 0,7 mg/L

Rozwielitka, *Daphnia magna*, 48 godzin: EC₅₀: 0,4 mg/L

Mixture: The product is classified as hazardous to the environment

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.

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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 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).

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- 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:

Animal care product for outdoor use.

16.2 Explanations of abbreviations and phrases:

Asp. Tox. 1 Aspiration hazard, hazard category 1

Eye Irrit. 2 Eye irritation, hazard category 2

Skin Irrit. 2 Skin irritation, hazard category 2

Skin Sens. 1 Skin sensitisation, hazard category 1

Flam. Liq. 3 Flammable liquid, hazard category 3

Aquatic Chronic 1 or 2 Hazardous to the aquatic environment, hazard category 1 or 2

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation

H317 May cause allergic skin reaction

H319 Causes serious eye irritation.

H226 Flammable liquid and vapour.

H410 Very toxic to aquatic life with long-lasting effects.

H411 Toxic 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.

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