

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

1.1 Product identifier

Trade name/designation bogaprotect COLLAR Dog large/small

CAS No. 106-24-1 (Geraniol), 104-55-2 (Cinnamic Aldehyde)

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

Relevant identified uses

Sector of uses [SU]

SU21 Private households (= general public).

Product categories [PC]

PC8 Biocides (e.g. disinfectants and parasiticide)

Process categories [PROC]

Polymer collar with repellent activity

Article categories [AC]

PT 19, Repellent

Article categories [AC]

Polymer Collar

1.3 Details of the supplier of the safety data sheet

Manufacturer

DISTRIBUTOR: Bogar AG

CH-8304 Wallisellen

DE-42329 Wuppertal

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Dept. responsible for information: Bogar AG

Information telephone: +41 (0) 43 233 33 66

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1.4 Emergency telephone number

Swiss Toxicological Informationcenter: +41 44 251 51 51

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

health hazards

Eye Irrit. 2

hazard statements for health hazards

Causes serious eye irritation.

health hazards

Skin Sens. 1

hazard statements for health hazards

May cause an allergic skin reaction.

remark

Full words of all classifications - see chapter 16.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



GHS07

Signal word

Warning

Hazard statements

hazard statements for health hazards

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statements

General:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Disposal:

P501 Dispose of contents/container in accordance with the relevant local regulations.

Product identifiers

Geraniol

Cinnamic Aldehyde

2.3 Other hazards

No data available

SECTION 3: Composition / information on ingredients

remark

Full text of H- and EUH-phrases: see section 16.

3.1/3.2 Substances/Mixtures

Description

Active substance: Margosa Extract, CAS84696-25-3, 2.5%, PT19 (not subject to classification)

Active substance: Geraniol, CAS106-24-1, 2.5%, PT19

Product Type 19: Repellents and attractants

Biocidal mixture

Hazardous ingredients

Geraniol	2,5 %
CAS 106-24-1	
EC 203-377-1	
Skin Irrit. 2, H315 / Eye Dam. 1, H318 / Skin Sens. 1, H317	
Alpha-Pinene X	0,07 %
CAS 80-56-8	
EC 201-291-9	
Skin Irrit. 2, H315 / Skin Sens. 1, H317	

Cinnamic Aldehyde <1 %

CAS 104-55-2

EC 203-213-9

Acute Tox. 4, H332 / Skin Irrit. 2, H315 / Eye Irrit. 2, H319 / Skin Sens.

1, H317

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

Following inhalation

If allergic reactions occur, seek medical assistance.

Following skin contact

If allergic reactions occur, seek medical assistance. Make sure there's no residual product between skin and clothes, watches, shoes aso.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of eye irritation consult an ophthalmologist.

After ingestion

Seek medical assistance, have label at hand.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

Additional information

non-combusible mixture

5.1 Extinguishing media

Suitable extinguishing media

Foam Type AFFF

Dry extinguishing powder. Carbon dioxide (CO₂). Water.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire black smoke occurs. May produce health risks when exposed to burning material. Do not inhale smoke. In case of fire the following substances may escape: CO and CO₂.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire, firefighters must use of a self-contained breathing apparatus because of the toxicity of the developing gas.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal precautions

Safety procedures - see chapter 7 and 8.

For emergency responders

Personal protection equipment

Task forces have to be equipped with suitable and personal safety equipment (see chapter 8).

6.2 Environmental precautions

Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up:

Collect product using mechanical equipment (wipe/vacuum).

6.4 Reference to other sections

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on general occupational hygiene

Wash hands before breaks and after work.

Protective measures

Further information

Access only for authorized personal. Personal safety equipment, see chapter 8. Strictly comply with the safety instructions on the package.

Measures to prevent fire

Keep away from sources of ignition - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep locked up and out of the reach of children. Store away from food, drink and animal feeding stuff. Do not expose the unit to extreme heat or moisture. Store in a cool and dry place, between 15-25°C.

7.3 Specific end use(s)

Recommendation

Keep original package.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection:

Prevent contact with eyes. Before handling powder or dust emissions, wear proper eye protection with a standard EN166.

Skin protection

Suitable gloves type:

Disposable gloves

Suitable material:

NBR (Nitrile rubber)

Required properties:

liquid-tight

Breakthrough time (maximum wearing time) >480 min

Thickness of the glove material 0,11 mm

Recommended glove articles

DIN-/EN-Norms:

DIN EN 374

Body protection:

Additional body protection measures

Work clothes worn by the personnel should be washed regularly. After contact with the product, all dirty body parts should be cleaned.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

solid

Colour

black

Odour

Essential oils

parameter	Method - source - remark
pH	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point (°C)	not determined
Evaporation rate	not determined
flammability	not determined
Upper explosion limit	not determined
lower explosion limit	not determined
Vapour pressure	not determined
Vapour density	not determined
Relative density	<1 g/cm ³
Fat solubility (g/L)	not determined
Water solubility (g/L)	The study does not need to be conducted because the substance is known to be insoluble in water.
Soluble (g/L) in	not determined
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not determined
Decomposition temperature	not determined

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Staubentwicklung. Staub kann explosives Gemisch mit Luft entstehen lassen.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Thermal decomposition can lead to release of CO und CO₂.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute dermal toxicity 2000 - <5000 mg/kg

Effective dose

LD₅₀:

Species:

Rat.

Method

Regulation (EC) No. 440/2008, Annex, B.3

Acute oral toxicity <2000 mg/kg

Effective dose

LD₅₀:

Species:

Rat.

Method

Regulation (EC) No. 440/2008, Annex, B.1 bis

skin corrosion/irritation

Species:

Rabbit.

Method

Regulation (EC) No. 440/2008, Annex, B.4

Result / evaluation

Average rating <1.5

Respiratory or skin sensitisation

Other information

Contains at least one sensitizing substance. Can cause an allergic reaction.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

Do not put into sewage system. Disposal of mixture in accordance with directive 2008/98/EC.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	not applicable	not applicable	not applicable
14.2 Proper Shipping Name	not applicable	not applicable	not applicable
14.3 Class(es)	not applicable	not applicable	not applicable
14.4 Packing group	not applicable	not applicable	not applicable
14.5 ENVIRONMENTALLY HAZARDOUS	not applicable	not applicable	not applicable
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable	not applicable	not applicable

SECTION 15: Regulatory information

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

No data available

UFI-Nr. 3W41-R09D-N00P-AVJD

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information

Relevant R-, H- and EUH-phrases (Number and full text)

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

P101: If medical advice is needed, have product container or label at hand.

P102: Keep away from children.

P501:Dispose of contents/container in accordance with the relevant local regulations.

EUH208: Contains Geraniol, Cinnamic Aldehyde. May provoke an allergic reaction.

Skin Irrit. 2: corrosive/irritant to skin, category 2

Eye Dam. 1: Serious damage to eyes/eye irritation, category 1

Skin Sens. 1: Skin sensitisation, categorie 1.

Acute Tox. 4: Acute Toxicity (inhalativ), categorie 4.

Eye Irrit. 2: Serious damage to eyes/eye irritation, categorie 2.

H332 Harmful if inhaled

H318 Verursacht schwere Augenschäden.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H332 Harmful if inhaled.