



DIE APOTHEKENMARKE

WEPA Apothekenbedarf GmbH & Co KG

MSDS

Safety Data Sheet (REACH regulation (EC) n° 1907/2006 – amendment n° 453/2010)

Date / revised on :

Version 1

Date / revised on : 05/03/2015

Product : **mosquito**® Haustier Umgebungspray

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SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : mosquito® Haustier Umgebungspray

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

Insect repellent for human use

1.3. Details of the supplier of the safety data sheet

Registered company name: WEPA Apothekenbedarf GmbH & Co KG

Address : Am Fichtenstrauch 6 – 10, 56204 Hillscheid, GERMANY

Telephone : +49 (0)2624 107 0 Fax : +49 (0)2624 107 130

E-mail : info@mosquito-parasitenschutz.de

<http://www.mosquito-parasitenschutz.de>

1.4. Emergency telephone number : +49 (0)228 19240

Association/Organisation : Giftzentrale (www.gizbonn.de).

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

EUH208: Contains geraniol. May produce an allergic reaction.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

This mixture is not classified as hazardous.

2.2. Label elements

Biocidal mixture (see section 15).

2.3. Other hazards

No data available.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

No substances fulfill the criteria set forth in annex II section A of the REACH regulation (EC) n° 1907/2006.

3.2. Mixtures

Composition :

Substances of concern	% (w/w)	CAS number	Classification	Einecs/Elincs	Exposure limits
Geraniol	0.15	106-24-1	GHS05, GHS07 H315, H317, H318	203-377-1	No data
Geranium oil	0.1	/	GHS05	283-644-7	No data



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			H318, H411, H317, H315		
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SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce vomiting by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation :

Supply fresh air

In the event of splashes or contact with eyes :

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

In the event of contact with open wounds or damaged skin :

Wash thoroughly with soft, clean water.

In the event of swallowing :

Drink 1 or 2 glasses of water. If necessary, seek medical attention, showing the label.

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

Flammable liquid and vapour.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- foam
- powder, dry chemical
- carbon dioxide (CO₂)
- water spray or mist

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)



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- carbon dioxide (CO₂)
- oxides of nitrogen (NO_x)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8. In enclosed space, ensure supply of fresh air. Use safety glasses when cleaning up.

For non fire-fighters

Avoid any contact with the eyes.

For fire-fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Remove and wash contaminated clothing before re-using.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture at all times.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Keep out of reach of children. Store in a cool and dry place away from direct sunlight.

Packaging



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Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

No data available

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

- Physical state : liquid.

- Colour : white

- Odour : mild, pleasant odour

- Relative Density (²⁰/₄) : no data

- pH : 6.0 +/- 1



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- Flash Point : not determined, mixture does not contain flammable substances
 - Auto Ignition Temperature : not determined, mixture does not contain flammable substances
 - Explosion Limits : considering the molecular structures and the composition of the material, explosive properties are not expected.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

Stable, no hazardous reactions with proper storage and handling.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

None with proper storage and handling.

10.4. Conditions to avoid

Avoid extreme temperatures.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)
- oxides of nitrogen (NO_x)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

May cause eye irritation

Mixture

Acute toxicity :

Oral route : No observed effect.

Species : Rat (recommended by the CLP)

LD50 > 2000 mg/kg

OECD Guideline 423 (Acute Oral toxicity / Acute Toxic Class Method)

Dermal route : No observed effect.

Species : Rat (recommended by the CLP)

LD50 > 2000 mg/kg

OECD Guideline 402 (Acute Dermal Toxicity)



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Skin corrosion/skin irritation :

Effect observed : No observations

Species : Rat

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious damage to eyes/eye irritation:

Not irritating

Respiratory or skin sensitisation :

Not sensitising

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK) :

WGK 2 (VwVwS vom 27/07/2005, KBws) : Hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to

water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Not classified as dangerous for transport.

SECTION 15 : REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Particular provisions :**

No data available.

- Labelling for biocidal products (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC) : See SECTION 2

SECTION 16 : OTHER INFORMATION

These data have been based on the current score of knowledge and experience. The Material Data Sheet describes products with a view to the security requirements. These data are no guarantee for the product properties. It applies the obligation of the user to use this product with care and to observe the applying laws and regulations of security.

More information:

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