



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 Mückenschutz-spray Protect

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

1.1. Product identifier

Product name : mosquito Mückenschutz-spray Protect

Product code : 2001/001SU750

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.

This substance is not classified as dangerous according to European Union legislation.

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

This substance is not classified as dangerous according to European Union legislation.

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 :

Substance	% (w/w)	CAS number	Classification	Einecs/Elincs	Exposure limits
1-Piperidinecarboxylic acid, 2-(2-hydroxyethyl)-, 1-methylpropylester (Icaridine)	20.00	119515-38-7	Not hazardous	423-210-8	No data



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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 :

In the event of an allergic reaction, seek medical attention.

In the event of splashes or contact with eyes :

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

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

Wash thoroughly with soft, clean water.

In the event of swallowing :

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

Non-flammable

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- foam
- powder, dry chemical
- carbon dioxide (CO₂)

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)
- carbon dioxide (CO₂)



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- oxides of nitrogen (NOx)

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

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash station will be required in facilities where the mixture is handled constantly.

Fire prevention :

Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment

Keep packages tightly closed and away from sources of heat, sparks and naked flames. Do not use tools which may produce sparks. Do not smoke. 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 :



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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. Keep container tightly closed.

Packaging

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

No data available

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

- Physical state : fluid liquid.
- Odour : mild, pleasant odour
- Relative Density ($^{20}_{/4}$) : no data available
- pH : no data available
- Flash Point : 31.10°C
- Auto Ignition Temperature : not relevant
- 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.



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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 have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

Mixture

Acute toxicity :

Oral route : No observed effect.

Species : Rat (recommended by the CLP)

LD₅₀ > 5000 mg/kg

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

Dermal route : No observed effect.

Species : Rat (recommended by the CLP)

2000 > LD₅₀ > 5000 mg/kg

OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/skin irritation :

Effect observed : Overall irritation score

Average score < 1.5

Species : Rat

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

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



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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 1 (VwVwS vom 17/05/1999, 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

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2011 – IMDG 2010 – ICAO/IATA 2011).

SECTION 15 : REGULATORY INFORMATION

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

- Particular provisions :

No data available.



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- 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

More information:

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