

Summary of product characteristics for a biocidal product

Product name: Rodical® InsectProtect

Product type(s): PT08 - Wood preservatives (Preservatives)

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Authorisation number:

R4BP 3 asset reference number: NL-0016409-0000

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Administrative information

1.1. Trade names of the product

Rodical® Insect Protect

1.2. Authorisation holder

Name and address of the authorisation holder

Name	Caldic Denmark A/S
Address	Mimersvej 1 8722 Hedensted Denmark
Authorisation number	
R4BP 3 asset reference number	NL-0016409-0000
Date of the authorisation	05/03/2021
Expiry date of the authorisation	05/03/2031

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer

Groupe Titel Holding Labo France

Address of the manufacturer

ZI de Ladoux - Rue Bleue BP 70051 63118 Cebazat France
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Location of manufacturing sites

ZI de Ladoux - Rue Bleue BP 70051 63118 Cebazat France
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1.4. Manufacturer(s) of the active substance(s)

Active substance	1342 - Permethrin
Name of the manufacturer	Tagros
Address of the manufacturer	"Jhaver Centre", Rajah Annamalai Building, IV Floor, 72, Marshalls Road 600008 Chennai, Tamil Nadu India
Location of manufacturing sites	SIPCOT Industrial Complex, Kudikadu A4/1&2 Tamil Nadu, Cuddalore India

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		Active Substance	52645-53-1	258-067-9	0,215
propane-2-ol	propane-2-ol	Non-active substance	67-63-0	200-661-7	0,2
(2-methoxymethylethoxy)pro	2-(2-methoxypropoxy)propan-	Non-active substance	34590-94-8	252-104-2	2

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements	<p>Contains permethin (iso). May produce an allergic reaction.</p> <p>Very toxic to aquatic life.</p> <p>Very toxic to aquatic life with long lasting effects.</p>
Precautionary statements	<p>Avoid release to the environment.</p> <p>Collect spillage.</p> <p>Dispose of contents to an approved waste disposal plant.</p> <p>Dispose of container to an approved waste disposal plant.</p>

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4. Authorised use(s)

4.1 Use description

Use 1 - Use 1: Preventive Insecticide treatment General public (non-professional) (indoors)

Brush/Roller

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

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Target organism(s) (including development stage)

Scientific name: Hylotrupes bajulus L.
Common name: House longhorn beetle
Development stage: Larvae

Scientific name: Reticulitermes sp.
Common name: Termites
Development stage: Adults

Field(s) of use

Indoor

Indoor
Preventive treatment of softwood and hardwood for use in Use Class 1.

Application method(s)

Method: Open system: brush/roller treatment
Detailed description:

Can be applied by brush/roller treatment at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).
Apply in 2 layers (2X100g/m²)

Application rate(s) and frequencies

Application Rate: 200g/m²

Dilution (%): 0

Number and timing of application:

Can be applied by brush/roller treatment at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).
Apply in 2 layers (2X100g/m²)

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Can/container plastic HDPE up to 10L

4.1.1 Use-specific instructions for use

See general directions for use

4.1.2 Use-specific risk mitigation measures

During product application (to timbers) and whilst surfaces are drying, do not contaminate the environment. All losses of the product have to be contained by covering the ground (e.g. by tarpaulin) and disposed of in a safe way.

Any residues should be collected and disposed as hazardous waste.

This product must not be used in areas where bats reside.

Treated wood should not come in contact with rain or humidity.

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use

4.2 Use description

Use 2 - Use 2: Preventive Insecticide treatment professionals (indoors) Spraying/Brush/Roller/Dipping

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

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Target organism(s) (including development stage)

Scientific name: *Hylotrupes bajulus* L.
Common name: House longhorn beetle
Development stage: Larvae

Scientific name: Reticulitermes sp.
Common name: Termites
Development stage: Adults

Field(s) of use

Indoor
Indoor
Preventive treatment of softwood and hardwood for use in Use Class 1.

Application method(s)

Method: Open system: spray treatment
Detailed description:

Can be applied by low pressure spray at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²). Apply in 2 layers (2 X 100g/m²).

Method: Open system: brush/roller treatment
Detailed description:

Can be applied by brush/roller treatment at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).
Apply in 2 layers (2 X 100g/m²).

Method: Open system: dip treatment - manual dipping
Detailed description:

Can be applied by dipping at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²). Apply in 2 layers (2 X 100g/m²).

Application rate(s) and frequencies

Application Rate: 200g/m²
Dilution (%): 0
Number and timing of application:

Can be applied by low pressure spray at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).
Apply in 2 layers (2 X 100g/m²).

Application Rate: 200g/m²
Dilution (%): 0
Number and timing of application:

Can be applied by brush/roller treatment at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).
Apply in 2 layers (2 X 100g/m²).

Application Rate: 200g/m²
Dilution (%): 0
Number and timing of application:

Can be applied by dipping at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²). Apply in 2 layers (2 X 100g/m²).

Category(ies) of users

Professional

Pack sizes and packaging material

Can/container plastic HDPE up to 10L
Container/drum plastic HDPE up to 200L

4.2.1 Use-specific instructions for use

See general directions for use

4.2.2 Use-specific risk mitigation measures

For spraying and manual dipping: wear protective gloves and coverall (material to be specified by the authorisation holder within the product information).

During product application (to timbers) and whilst surfaces are drying, do not contaminate the environment. All losses of the product have to be contained by covering the ground (e.g. by tarpaulin) and disposed of in a safe way.

Any residues should be collected and disposed as hazardous waste.

This product and the wood treated with this product must not be used in areas where bats reside.

Treated wood should not come in contact with rain or humidity

4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use

4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use

4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use

4.3 Use description

Use 3 - Use 3: Preventive Insecticide treatment Trained professionals (indoors) Spraying/Brush/Roller/Dipping

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Hylotrupes bajulus L. Common name: House longhorn beetle Development stage: Larvae Scientific name: Reticulitermes sp. Common name: Termites Development stage: Adults
Field(s) of use	Indoor Indoor Preventive treatment of softwood and hardwood for use in Use Class 1.
Application method(s)	Method: Open system: spray treatment Detailed description: Can be applied by low pressure spray at a rate of 1 L of undiluted product per 5 m ² of wood surface area (200 g/m ²). Apply in 2 layers (2 X 100g/m ²). Method: Open system: brush/roller treatment Detailed description: Can be applied by brush/roller treatment at a rate of 1 L of undiluted product per 5 m ² of wood surface area (200 g/m ²). Apply in 2 layers (2 X 100g/m ²). Method: Open system: dip treatment - manual dipping Detailed description: Can be applied by dipping at a rate of 1 L of undiluted product per 5 m ² of wood surface area (200 g/m ²). Apply in 2 layers (2x 100 g/m2)
Application rate(s) and frequencies	Application Rate: 200g/m2 Dilution (%): 0 Number and timing of application: Can be applied by low pressure spray at a rate of 1 L of undiluted product per 5 m2 of wood surface area (200 g/m2). Apply in 2 layers (2 X 100g/m2).

	<p>Application Rate: 200g/m² Dilution (%): 0 Number and timing of application:</p> <p>Can be applied by brush/roller treatment at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²). Apply in 2 layers (2 X 100g/m²).</p> <p>Application Rate: 200g/m² Dilution (%): 0 Number and timing of application:</p> <p>Can be applied by dipping at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²). Apply in 2 layers (2x 100 g/m²)</p>
Category(ies) of users	Trained professional
Pack sizes and packaging material	Can/container plastic HDPE up to 10L Container/drum plastic HDPE up to 200L

4.3.1 Use-specific instructions for use

See general directions for use

4.3.2 Use-specific risk mitigation measures

For spraying and manual dipping: wear protective gloves and coverall (material to be specified by the authorisation holder within the product information).
During product application (to timbers) and whilst surfaces are drying, do not contaminate the environment. All losses of the product have to be contained by covering the ground (e.g. by tarpaulin) and disposed of in a safe way.
Any residues should be collected and disposed as hazardous waste.
This product and the wood treated with this product must not be used in areas where bats reside.
Treated wood should not come in contact with rain or humidity.

4.3.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use

4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use

4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use

4.4 Use description

Use 4 - Use 4: Preventive Insecticide Industry (indoors) Spraying/ /Dipping/Flow Coating (deluge)

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: House longhorn beetle Development stage: Larvae</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: Termites Development stage: Adults</p>
Field(s) of use	<p>Indoor</p> <p>Indoor Preventive treatment of softwood and hardwood for use in Use Class 1.</p>
Application method(s)	<p>Method: Open system: automated spray treatment Detailed description:</p> <p>Can be applied by low pressure spray at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²). Apply in 2 layers (2 X 100g/m²).</p> <p>Method: Open system: dip treatment - automated dipping Detailed description:</p> <p>Can be applied by dipping at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).</p>

Application rate(s) and frequencies

Apply in 2 layers (2 X 100g/m²).

Method: Open system: Flow coating (deluge)
Detailed description:

Can be applied by Flow Coating (deluge) at a rate of approximately 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).
Apply in 2 layers (2 X 100g/m²).

Application Rate: 200g/m²
Dilution (%): 0
Number and timing of application:

Can be applied by low pressure spray at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).
Apply in 2 layers (2 X 100g/m²).

Application Rate: 200g/m²
Dilution (%): 0
Number and timing of application:

Can be applied by dipping at a rate of 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).

Apply in 2 layers (2 X 100g/m²).

Application Rate: 200 g/m²
Dilution (%): 0
Number and timing of application:

Can be applied by Flow Coating (deluge) at a rate of approximately 1 L of undiluted product per 5 m² of wood surface area (200 g/m²).
Apply in 2 layers (2 X 100g/m²).

Category(ies) of users

Industrial

Pack sizes and packaging material

Can/container plastic HDPE up to 10L
Container/drum plastic HDPE up to 200L
Container/IBC plastic HDPE up to 1000L

4.4.1 Use-specific instructions for use

See general directions for use

4.4.2 Use-specific risk mitigation measures

For deluging treatment, spraying and manual dipping: wear protective gloves and coverall (material to be specified by the authorisation holder within the product information).
Any residues should be collected and disposed as hazardous waste.

All industrial application processes must be carried out within a contained area situated on impermeable hard standing with bunding to prevent run-off and a recovery system in place (e.g. sump).

Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water, and that they losses of the product shall be collected for reuse or disposal.
Wood treated with this product must not be used in areas where bats reside.

4.4.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use

4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use

4.4.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use

5. General directions for use

5.1. Instructions for use

Product is ready to use – do not dilute the product

Shake product before use

5.2. Risk mitigation measures

Do not discharge the biocidal product nor the diluted solution of the biocidal product into the sewage system or the environment. Do not use on wood which may come in direct contact with food, feeding stuff, and livestock animals.

Keep children and pets away from treated surfaces until they have dried. Avoid prolonged contact of pets, particularly cats, to treated surfaces.

Remove or cover terrariums, aquariums, and animal cages before application. Turn off aquarium air-filter while spraying.

Wash hands and exposed skin after use of the product and before meals.

Keep away from food, drink or animal feedstuffs.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing by an unconscious person.

Pyrethroids may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

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.

In the event of splashes or contact with skin :

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

In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting. Seek medical attention, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

Measures to protect environment:

Prevent any material from entering drains or waterways.

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

5.4. Instructions for safe disposal of the product and its packaging

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.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Storage

Store in original container. Keep the container tightly closed in a dry, well-ventilated place, kept away from direct sunlight. The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area. Store between 5°C and 30°C.

Shelf life of the product: 18 months.

6. Other information

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