

Summary of product characteristics for a biocidal product

Product name: Boracol 15

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

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Authorisation number: 17-19

R4BP 3 asset reference number: DK-0026321-0000

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Administrative information

1.1. Trade names of the product

Boracol 15

1.2. Authorisation holder

Name and address of the authorisation holder	Name	KRS ApS
	Address	Mandal Alle 9A 5500 Middelfart Denmark
Authorisation number	17-19	
R4BP 3 asset reference number	DK-0026321-0000	
Date of the authorisation	09/06/2021	
Expiry date of the authorisation	09/06/2026	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	KRS Aps
Address of the manufacturer	Mandal Allé 9A 5500 Middelfart Denmark
Location of manufacturing sites	Mandal Allé 9A 5500 Middelfart Denmark

1.4. Manufacturer(s) of the active substance(s)

Active substance	9 - Boric acid
Name of the manufacturer	Rio Tinto Iron & Titanium GmbH
Address of the manufacturer	Alfred-Herrhausen-Allee 3-5 65760 Eschborn Germany
Location of manufacturing sites	14486 Borax Road CA 93516-2000 Boron United States

Active substance	9 - Boric acid
Name of the manufacturer	Etimine S.A.
Address of the manufacturer	Immeuble 67 204, Z.I. Scheleck 2 L-3225, Bettembourg Luxembourg
Location of manufacturing sites	Emet 43700 Kütahya Turkey

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 (%)
Boric acid	boric acid	Active Substance	10043-35-3	233-139-2	16,5

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements	May damage fertility. May damage the unborn child.
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Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves / protective clothing / eye protection / face protection.

IF exposed or concerned: Get medical attention.

Store locked up.

Dispose of container to local waste management in accordance with local/regional/international regulations.

4. Authorised use(s)

4.1 Use description

Use 1 - Brushing

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Fungicide and Insecticide.

Target organism(s) (including development stage)

Scientific name: *Coniophora puteana*
Common name: Brown rot fungi
Development stage:

Scientific name: *Poria placenta*
Common name: Brown rot fungi
Development stage:

Scientific name: *Gloeophyllum trabeum*
Common name: Brown rot fungi
Development stage:

Scientific name: *Serpula lacrymans*
Common name: Brown rot fungi
Development stage:

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

Scientific name: *Anobium punctatum*
Common name: Common furniture beetle
Development stage: Larvae

Scientific name: *Lyctus brunneus*
Common name: Powder post beetles
Development stage: Larvae

Field(s) of use

	<p>Indoor</p> <p>Preventive treatment of wood against brown rot fungi in Use class 2. Preventative and curative treatment of masonry against the dry rot fungus <i>Serpula lacrymans</i> to prevent adjacent wood from being affected. Preventive treatment of wood against wood-boring beetles in Use classes 1 and 2. Softwood and hardwood Masonry adjacent to treated wood Preventive treatment Curative treatment (for masonry against the dry rot fungus <i>Serpula lacrymans</i>) Use class 1 and 2 (for wood) Indoor</p>
Application method(s)	<p>Method: Open system: brush treatment Detailed description: Superficial application by brushing.</p>
Application rate(s) and frequencies	<p>Application Rate: 182 g/m², equivalent to 157 mL/m² Dilution (%): Ready-to-use Number and timing of application: Once</p>
Category(ies) of users	<p>Professional</p>
Pack sizes and packaging material	<p>Container material: Plastic (HDPE), PP closure (child-resistant on 1, 2.5 and 5 L pack sizes) Pack sizes: 1 L, 2,5 L, 5 L, 10 L, 20 L, 200 L, 1000 L</p>

4.1.1 Use-specific instructions for use

See section 5.1.
In the case of the dry rot fungus, *Serpula lacrymans*, the product may be applied to masonry by brushing to prevent growth of the fungus into adjacent wood.
The product should only be used on areas of masonry that are protected from precipitation.
When treating masonry it must be ensured that the application solution does not contaminate the environment.

4.1.2 Use-specific risk mitigation measures

See section 5.2.

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 section 5.3.

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

See section 5.4.

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

See section 5.5.

4.2 Use description

Use 2 - Non-pressurised injection

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	Fungicide and Insecticide.
Target organism(s) (including development stage)	Scientific name: Coniophora puteana Common name: Brown rot fungi Development stage: Scientific name: Poria placenta Common name: Brown rot fungi Development stage: Scientific name: Gloeophyllum trabeum Common name: Brown rot fungi Development stage: Scientific name: Serpula lacrymans Common name: Dry rot fungus Development stage: Scientific name: Hylotrupes bajulus L. Common name: House longhorn beetle Development stage: Larvae Scientific name: Anobium punctatum Common name: Common furniture beetle Development stage: Larvae Scientific name: Lyctus brunneus Common name: Powder post beetles Development stage: Larvae
Field(s) of use	Indoor Preventive treatment of wood against brown rot fungi in Use class 2. Preventive treatment of wood against wood-boring beetles in Use classes 1 and 2. Softwood and hardwood Preventive treatment Use class 1 and 2 Indoor

Application method(s)

Method: Open system: injection
Detailed description:
Non-pressurised injection into boreholes.
Non-pressurised injection is used to treat those parts of *in situ* wooden structures that are not accessible for superficial treatment. Non-pressurised injection is supplementary to superficial application, such that where possible, the accessible surface of wood treated by non-pressurised injection should also be treated by superficial application. There are no standard application conditions. Professional judgement is required to establish the appropriate approach (including the positioning, spacing, diameter, depth, etc. of boreholes to receive the required quantity of the product) under the circumstances. The authorisation holder should be consulted on a case-by-case basis for guidance regarding conditions (requirements) for application via non-pressurised injection.

Application rate(s) and frequencies

Application Rate: 182 g/m², equivalent to 157 mL/m²
Dilution (%): Ready-to-use
Number and timing of application:
As required.

Category(ies) of users

Professional

Pack sizes and packaging material

Container material: Plastic (HDPE), PP closure (child-resistant on 1, 2.5 and 5 L pack sizes)
Pack sizes: 1 L, 2,5 L, 5 L, 10 L, 20 L, 200 L, 1000 L

4.2.1 Use-specific instructions for use

See section 5.1.

4.2.2 Use-specific risk mitigation measures

See section 5.2.

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 section 5.3.

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

See section 5.4.

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

See section 5.5.

5. General directions for use

5.1. Instructions for use

For *in situ* treatment of covered wood constructions such as roof trusses, wood braces, and floor separations to which people, domestic animals and livestock do not come into direct contact. In the case of the dry rot fungus, *Serpula lacrymans*, the product may be applied to masonry by brushing to prevent growth of the fungus into adjacent wood. If infestation by *Serpula lacrymans* is suspected, thorough measures are required with regard to confirming the identity of the fungus, identifying the extent of fungal infestation in both wood and masonry, as well as any removal and treatment measures taken subsequently.

Stir product before use.

Do not dilute (ready-to-use).

Ensure adequate ventilation during the application.

Avoid contact with skin and eyes.

Wash hands after application and use of the product, and before eating, drinking or smoking.

Processing conditions: Temperature 5 – 40°C; Relative humidity below 90%.

Brush application: Application rate of 157 mL/m² (equivalent to 182 g/m²) as a single application.

Non-pressurised injection: Application rate of 157 mL/m² (equivalent to 182 g/m²) .

5.2. Risk mitigation measures

Keep children and pets away from the product and treated wood during application and drying.
Wear protective chemical-resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
A protective overall (at least type 6, EN 13034) shall be worn.
Use automatic dosing equipment instead of manual mixing and loading.
Do not use on wood which may come in direct contact with food, feeding stuff and livestock animals.

Do not (use/apply) directly on or near food, feed or drinks, or on surfaces or utensils likely to be in direct contact with food, feed, drinks and livestock.
Do not treat wood that comes in direct contact with soil or water.
Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

Can be harmful to protected species such as bats, hornets or birds. The presence of protected species in the area to be treated must be assessed prior to use of the product. Appropriate protective measures must be taken if necessary.

Use of the product in residential areas is restricted to static wood constructions that do not have direct contact to the interior space.

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

First aid measures:

IF EXPOSED OR CONCERNED: Get medical advice / attention.

IF INHALED: Get medical advice / attention.

IF SWALLOWED: Get medical advice / attention.

IF ON SKIN: Wash skin with water. Get medical advice / attention.

IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.

Methods and material for containment and cleaning up:

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Disposed of safely as hazardous waste in accordance with local / regional / national / international regulations.

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

Packaging, unused product and any product collected during application that is not re-used must be disposed of safely as hazardous waste in accordance with local / regional / national / international regulations.

Must not be disposed of in drains or sewers, including rainwater canals.

Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

It is recommended not clean used materials (like brushes, contaminated covers and coveralls) with water, but reuse them or discard them in a safe way to dry waste.

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

Store in a dry, cool well-ventilated area. Protect from frost.

Protect from light.

Store below 40°C.

The product is stable for two years at room temperature.

Opened containers must be carefully resealed and kept upright to prevent leakage.

Keep out of reach of children.

Store in accordance with local regulations.

Do not store where leakage to the ground or surface water can occur.

Do not store near food, drink, animal feed or drinking water.

6. Other information

Use biocides safely.
Always read the label and product information before use.
Resistance should be monitored on a continuous basis. Should the authorisation holder become aware of reports of resistance this should be reported to the competent authorities.