

# Summary of product characteristics for a biocidal product

**Product name:** Boracol 10\_3Bd

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

**Authorisation number:** 17-17

**R4BP 3 asset reference number:** DK-0021935-0000

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## Administrative information

### 1.1. Trade names of the product

Boracol 10_3Bd
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### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	KRS ApS
	Address	Mandal Alle 9A 5500 Middelfart Denmark
<b>Authorisation number</b>	17-17	
<b>R4BP 3 asset reference number</b>	DK-0021935-0000	
<b>Date of the authorisation</b>	20/12/2019	
<b>Expiry date of the authorisation</b>	20/12/2024	

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	KRS ApS
<b>Address of the manufacturer</b>	Mandal Alle 9A 5500 Middelfart Denmark
<b>Location of manufacturing sites</b>	Mandal Alle 9A 5500 Middelfart Denmark

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

<b>Active substance</b>	9 - Boric acid
<b>Name of the manufacturer</b>	Borax Europe Limited
<b>Address of the manufacturer</b>	2 Eastbourne Terrace W2 6LG London United Kingdom
<b>Location of manufacturing sites</b>	14486 Borax Road CA 93516-2000 Boron United States

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

<b>Active substance</b>	67 - Didecyldimethylammonium chloride(DDAC)
<b>Name of the manufacturer</b>	Lonza Cologne GmbH
<b>Address of the manufacturer</b>	Nettermannellee 1 DE-50829 Cologne Germany
<b>Location of manufacturing sites</b>	8316 West Route 24 IL 61547-0105 Mapleton United States

## 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	5,43
Didecyldimethylammonium chloride(DDAC)		Active Substance	7173-51-5	230-525-2	2,45
Propan-2-ol		Non-active substance	67-63-0	200-661-7	0,98

## 2.2. Type of formulation

AL - Any other liquid

## 3. Hazard and precautionary statements

### Hazard statements

Causes skin irritation.  
Causes serious eye irritation.  
Harmful to aquatic life with long lasting effects.  
May damage fertility. May damage the unborn child.

### Precautionary statements

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Wash hands thoroughly after handling.  
Avoid release to the environment.  
Wear protective gloves.  
Wear protective clothing.  
Wear face protection.  
IF ON SKIN:Wash with plenty of water.  
IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation occurs:Get medical advice.  
If eye irritation persists:Get medical advice.  
Take off contaminated clothing.And wash it before reuse.  
Dispose of contents to local authorisation.  
Dispose of container to local authorisation.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Professional Use

#### Product type

PT08 - Wood preservatives (Preservatives)

**Where relevant, an exact description of the authorised use**

Preventive treatment of wood against brown rot fungi.  
Treatment of masonry against the dry rot fungus *Serpula lacrymans* to prevent adjacent wood from being affected.  
Preventive treatment of wood against mould fungi.  
Treatment of masonry against mould fungi to prevent adjacent wood from being affected.

Curative treatment of wood against mould fungi.  
Curative treatment of masonry against the dry rot fungus *Serpula lacrymans*.  
For wood: Use Class 2.

**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: *Aspergillus versicolor*  
Common name: Fungi/yeasts  
Development stage:

Scientific name: *Cladosporium caldosporioides*  
Common name: Fungi/yeasts  
Development stage:

Scientific name: *Penicillium purpurogenum*  
Common name: Fungi/yeasts  
Development stage:

Scientific name: *Phoma violacea*  
Common name: Fungi/yeasts  
Development stage:

Scientific name: *Rhodotorula rubra*  
Common name: Fungi/yeasts  
Development stage:

Scientific name: *Sporobolomyces roseus*  
Common name: Fungi/yeasts  
Development stage:

Scientific name: *Stachybotrys chartarum*  
Common name: Fungi/yeasts  
Development stage:

Scientific name: *Ulocladium atrum*  
Common name: Fungi/yeasts  
Development stage:

**Field(s) of use**

Indoor

Softwood  
Masonry adjacent to treated wood.  
Preventive treatment  
Curative treatment  
Use Class 2 (for wood)  
Indoor

**Application method(s)**

Method: Open system: brush treatment  
Detailed description:  
Brush

**Application rate(s) and frequencies**

Application Rate: 200 mL/m<sup>2</sup>  
Dilution (%): -  
Number and timing of application:  
  
Single application.

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

Bottle - Plastic: HDPE - 1 liter  
Closure - Plastic: PP

Can - Plastic: HDPE - 2½ - 5 - 10 - 20 liters  
Closure - Plastic: PP

Drum - Plastic: HDPE - 200 liters  
Closure - Plastic: PP

IBC (intermediate bulk container) - Plastic: HDPE - 1000 liters  
Closure - Plastic: PP

**4.1.1 Use-specific instructions for use**

See general instructions for use.

**4.1.2 Use-specific risk mitigation measures**

See general instructions for use.

**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 instructions for use.

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

See general instructions 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 instructions for use.

## 5. General directions for use

### 5.1. Instructions for use

For in situ treatment of covered wood constructions such as roof trusses, braces, and floor separations. In the case of the dry rot fungus, *Serpula lacrymans*, the product may be applied to masonry to prevent growth of the fungus into adjacent wood. If infestation by *Serpula lacrymans* is suspected, a professional must be contacted, as 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 well before use.  
Do not dilute (ready-to-use).  
Ensure good ventilation when handling and applying.  
Not for use on wood which may come in direct contact with food, animal feed or drinking water.  
Do not treat wood that comes in direct contact with soil or water.  
Processing conditions: Temperature 5 – 40°C, Relative humidity below 90%.  
Brush application: Application rate of 200 mL/m<sup>2</sup> as a single application.  
Product losses must be collected and re-use or disposed of as hazardous waste.  
The product must not be released to soil, groundwater, surface water or any kind of drain, sewer or rainwater canal.

### 5.2. Risk mitigation measures



Read label before use.  
Keep out of reach of children  
Keep children and pets away from the product and treated wood during application and drying.  
Keep away from food, drink, drinking water and animal feed.  
Do not apply the product to wood or place treated wood in areas where food or animal feed, food utensils or food processing surfaces may come into contact with, or be contaminated by the product or treated wood.  
Do not use on or near surfaces with which livestock can come into contact.  
Avoid breathing vapour or mist.  
Avoid contact with skin and eyes.  
Wash hands after application and use of the product, and before eating, drinking or smoking.  
During application and drying exposed ground must be covered and any spillage should be collected.  
Product losses must be collected and re-use or disposed of as hazardous waste.  
The product must not be released to soil, groundwater, or surface water.  
Must not be disposed of in drains, sewers, or rainwater canals.  
Can be harmful to protected organism such as bats, hornets or birds. The presence of protected organisms in the area to be treated must be assessed prior to use of the product. Appropriate protective measures must be taken if necessary.

For the professional user:

Wear protective chemical-resistant gloves during product handling and application, and during eventual handling of treated wood (glove material to be specified by the authorisation holder within the product information).  
A coated overall is required.

Wear a face shield.

The product may only be loaded with an automatic- or semi-automatic dosing system when transferring from pack sizes larger than 20 litres.

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

If medical advice is needed, have product container or label at hand.  
Eye contact: Immediately flush with running water.  
Skin contact: Immediately remove all contaminated clothing and wash with soap and water.  
Ingestion: If swallowed, seek medical advice immediately. Do not induce vomiting.  
Inhalation: Remove to fresh air. Keep person warm and at rest. Seek medical attention if symptoms persist.

### 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.  
Do not clean used materials (like brushes, contaminated covers and coveralls) with water, but reuse 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.  
Store only in opaque container.  
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.  
Keep away from: oxidizing agents, strong alkalis, strong acids.  
Do not store near food, drink, animal feed or drinking water.

## 6. Other information

In Denmark, the product is authorised for professional use only.

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.

I. Etiketten skal udformes i overensstemmelse med det godkendte resumé af det biocidholdige produkts egenskaber, jf. artikel 69, stk. 1, i biocidforordningen (Forordning (EU) nr. 528/2012), og CLP-Forordningen [1] .

II. Det er udelukkende ansøgers/godkendelsesindehaverens ansvar, at etiket, mærkning og pakning lever op til lovens krav, jf. biocidforordningen artikel 69. Etiket og mærkning skal være på dansk.  
Nedenstående tekst i afsnit III er bidrag til overholdelsen af reglerne og således kun en del af de krav, som stilles til blandt andet etiketten.

III. Etiketten skal indeholde nedenstående oplysninger. Oplysninger i citationstegn skal angives ordret:

1) I hovedfeltet:  
"Træbeskyttelsesmiddel

Må kun anvendes erhvervsmæssigt som træbeskyttelse mod trædelæggende svamp, ægte husvamp (*Serpula lacrymans*) og skimmelsvamp i indendørs/overdækkede trækonstruktioner, og specifikt i tilfælde af *Serpula lacrymans* i tilstødende murværk. Må kun anvendes i brugsklasse 2 jf. DS/EN335:2013."

2) I advarselsfeltet:  
"ADVARSEL  
Kan skade forplantningsevnen eller det ufødte barn (H360)

Forårsager hudirritation (H315).

Forårsager alvorlig øjenirritation (H319).

Skadelig for vandlevende organismer, med langvarige virkninger (H412).

Hvis der er brug for lægehjælp, medbring da beholderen eller etiketten.

Vask hænder grundigt efter brug.

Undgå udledning til miljøet.

Bær beskyttelsestøj og ansigtsbeskyttelse. Bær kemisk resistente beskyttelseshandsker ved brug af produktet. (P280)"  
Handskematerialet skal angives af godkendelsesindehaveren i produktdatabladet.

"Alt tilsmudset tøj tages af og vaskes inden genanvendelse.

Overtrædelse af nedenstående særligt fremhævede forskrifter kan medføre straf:

**Må kun anvendes erhvervsmæssigt som træbeskyttelse mod trædelæggende svamp, ægte husvamp (*Serpula lacrymans*) og skimmelsvamp i indendørs/overdækkede trækonstruktioner, og specifikt i tilfælde af *Serpula lacrymans* i tilstødende murværk. Må kun anvendes i brugsklasse 2 jf. DS/EN335:2013.**

Produktet må i bygninger, hvor mennesker opholder sig i længere tid (boliger, kontorbygninger og arbejdspladser), kun anvendes steder, hvor mennesker i almindelighed kun lejlighedsvis og kortvarigt kommer i kontakt med behandlet træ (f.eks. tagkonstruktioner, skunkrum og strøer i kældre og under gulvkonstruktioner).

Må ikke anvendes mod andre skadevoldere og ikke i højere doseringer end de i brugsanvisningen nævnte.

Må kun anvendes i doseringen 200 mL/m<sup>2</sup> ved pensling.

Må ikke anvendes til træværk, der kommer i direkte berøring med fødevarer og foderstoffer.

Må ikke tømmes i kloak afløb.

Opbevares utilgængeligt for børn.

Må ikke opbevares sammen med fødevarer, drikkevarer og foderstoffer."

Farepiktogrammet GHS08.

Miljøstyrelsen henleder opmærksomheden på, at godkendelsesindehaver skal anføre oplysninger om førstehjælp, herunder:

VED KONTAKT MED HUDEN: Vask med rigeligt vand.

VED KONTAKT MED ØJNENE: Skyl forsigtigt med vand i flere minutter. Fjern eventuelle kontaktlinser, hvis dette kan gøres let. Fortsæt skylning.

Ved hudirritation: Søg lægehjælp.

Ved vedvarende øjenirritation: Søg lægehjælp.

3) I deklarationsfeltet:

- a) Teksten "Træbeskyttelsesmiddel BPR-reg. nr. 17-17. Aktivstoffer og biocidholdigt produkt er godkendt efter biocidforordningen (Forordning (EU) nr. 528/2012)."
- b) Oplysning om præparattype: "væske" for dette præparat.
- c) Indholdet af aktivstoffer i vægtprocent (% w/w) og g/L ved 20°C.
- d) Sætningen: "Indeholder propan-2-ol."
- e) Udløbsdatoen skal anføres. Denne dato må højst være 2 år efter produktionsdatoen. Etikettens dato kan udformes som en henvisning til en produktionsdato andetsteds på emballagen.
- f) Batchnummer eller – betegnelse skal anføres.
- g) Pakningsstørrelse i L.
- h) Godkendelsesindehavers navn og adresse.

4) Brugsanvisningen:

Oplysninger om skadevoldere, anvendelsesområde og doseringer.

Følgende retningslinjer gælder i forhold til bortskaffelse.

Der skal mærkes med sikkerhedssætning P501: "Rester og emballage bortskaffes som farligt affald."

Følgende sætning skal anføres under sikkerhedssætning P501: "Ovenstående sætning er Miljøstyrelsens vejledning om affaldshåndtering af dette produkt. Følg altid kommunens affaldsregulativ og forhør dig hos kommunen, hvis du er i tvivl."

[1] Europa-Parlamentets og Rådets forordning (EF) Nr. 1272/2008 af 16. december 2008 om klassificering, mærkning og emballering af stoffer og blandinger og om ændring og ophævelse af direktiv 67/548/EØF og 1999/45/EF og om ændring af forordning (EF) nr. 1907/2006.