

# Material Safety Data Sheet

Completed 29-04-2019  
Revision: (date) 11-08-2025  
SDS version 1.6

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

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### 1.1. Product Identifier

Trade Name: Boracol 15  
Product- no.: -  
UFI: 8WHP-PV10-100X-63GD

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

#### **Recommended uses:**

For the treatment of woodwork against fungi and insects, as well as fungus-infected masonry, concrete, etc. For professional users only.

#### **Uses advised against:**

This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

### 1.3. Details of the supplier of the safety data sheet

#### **Company and address:**

KRS ApS  
Mandal Allé 9 A  
5500 Middelfart  
Tlf.: +45 75 82 50 33

#### **Contact person and E-mail:**

krsis@krsis.dk

#### **The Safety data sheet is completed and validated by:**

Mediator ApS, Centervej 2, DK-6000 Kolding. Consultant: KN

### 1.4. Emergency telephone number

Use your national or local emergency number - For "First aid measures" see section 4.

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## SECTION 2: Hazards identification

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### 2.1. Classification of the substance or mixture

CLP (1272/2008):  
Repr. 1B;H360FD

See full text of H-phrases in section 16.

### 2.2. Label elements



#### **Signal word:**

Danger

May damage fertility. May damage the unborn child. (H360FD)

Obtain special instructions before use. (P201)

Wear protective gloves/protective clothing/eye protection/face protection. (P280)

IF exposed or concerned: Get medical advice/attention. (P308 + P313)

### 2.3. Other hazards

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#### **Additional labelling:**

Contains:

Active substance (PT 8):

Boric acid 198 g/l (16,50 % w/w).

#### **Additional warnings**

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## SECTION 3: Composition/information on ingredients

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### 3.1.3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
Boric acid	005-007-00-2 / -	10043-35-3	233-139-2	Repr. 1B;H360FD	16,5	1

1) The substance is on the candidate list.

See full text of H-phrases in section 16.

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## SECTION 4: First aid measures

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### 4.1. Description of first aid measures

#### **Inhalation:**

Seek fresh air.

Keep victim under observation.

Call a POISON CENTER or doctor/physician.

#### **Ingestion:**

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.

Do not induce vomiting.

Call a POISON CENTER or doctor/physician.

#### **Skin contact:**

Immediately remove contaminated clothing.

Wash skin with soap and water.

Call a POISON CENTER or doctor/physician.

#### **Eye contact:**

Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice

#### **Additional information:**

When obtaining medical advice, show the safety data sheet or label.

### 4.2. Most important symptoms and effects, both acute and delayed

Reproductive toxicity: This product contains teratogenic substances which can do long-term damage to human offspring. The effects on the child can be: death, deformity, delayed development, and functional disorders.

Reproductive toxicity: This product contains substances which can do damage to reproductive capacity, e.g. damage to germ cells or hormonal regulation. The effects can be: sterility, reduced fertility, menstruation disorders, etc.

### 4.3. Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance.

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## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

Extinguish with powder, foam, carbon dioxide or water mist.

Do not use water stream, as it may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

Hazardous fumes are formed in fire conditions.

### 5.3. Advice for firefighters

If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

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## SECTION 6: Accidental release measures

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### 6.1. Personal precautions, protective equipment and emergency procedures

See section 8 for type of protective equipment.

Avoid breathing and contact with skin and eyes.

### 6.2. Environmental precautions

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

Prevent spillage from entering drains and/or surface water.

### 6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

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## 6.4. Reference to other sections

See section 8 for type of protective equipment.  
See section 13 for instructions on disposal.

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

See section 8 for information about precautions for use and personal protective equipment.  
Use the product under well-ventilated conditions.  
Running water and eye wash equipment should be available.

### 7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.  
Keep in tightly closed original packaging.

### 7.3. Specific end use(s)

See application section 1.

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## SECTION 8: Exposure controls/personal protection

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### 8.1. Control parameters

Indicative occupational exposure limit value (IOELV)

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#### DNEL/PNEC-values:

##### DNEL Boric acid

	Workers	Consumers
Inhalation - Chronic Systemic	8,3 mg/m <sup>3</sup>	4,15 mg/m <sup>3</sup>
Dermal - Chronic Systemic	392 mg/kg bw/day	196 mg/kg bw/day
Oral - Chronic Systemic	-	0,98 mg/kg bw/day
Oral - Acute Systemic	-	0,98 mg/kg bw/day

##### PNEC Boric acid

Fresh water	2,9 mg/L
Intermittent releases (Fresh water)	13,7 mg/L
Marine water	2,9 mg/L
Soil	5,7 mg/kg soil dw

### 8.2. Exposure controls

There are no exposure scenarios for this product.

#### Appropriate engineering controls:

Wear the personal protective equipment specified below.  
Wash hands before breaks, before using restroom facilities, and at the end of work.

#### Personal protective equipment:



#### Respiratory protection:

Not required.

#### Hand protection:

Wear protective gloves made of nitrile rubber (> 0,11 mm). Protective gloves conforming to EN 374.  
Change gloves immediately if contaminated, and wash hands with soap and water.

#### Eye/face protection:

Wear safety goggles/face protection.  
Eye protection conforming to EN 166.

#### Skin protection:

Wear suitable protective clothing.

#### Environmental exposure controls:

Ensure compliance with local regulations for emissions.

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	-
Odour:	-
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	6,3 @ 23°C
Kinematic viscosity (mm <sup>2</sup> /s):	-
Solubility:	-
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	-
Relative vapour density:	-
Particle characteristics:	-

### 9.2. Other information

Surface tension (mN/m, 25 °C):	164,5
Viscosity:	16,2-16,3 mPa*s @ 20°C

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

No special precautions regarding contact with other materials at the recommended storage conditions.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity:

Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
Boric acid	Oral	Rat	LD50	> 2600 mg/kg bw
Boric acid	Inhalation	Rat	LC50/ 4 Hours	> 2,03 mg/L air
Boric acid	Dermal	Rabbit	LD50	> 2000 mg/kg bw

#### Skin corrosion/irritation:

May irritate the skin – may cause reddening.

#### Serious eye damage/irritation:

May cause eye irritation.

#### Respiratory or skin sensitisation:

Based on the existing data, the classification is not met.

#### Germ cell mutagenicity:

Based on the existing data, the classification is not met.

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**Carcinogenicity:**

Based on the existing data, the classification is not met.

**Reproductive toxicity:**

May damage fertility or the unborn child.

**STOT-single exposure:**

Based on the existing data, the classification is not met.

**STOT-repeated exposure:**

Based on the existing data, the classification is not met.

**Aspiration hazard:**

Based on the existing data, the classification is not met.

**11.2. Information on**

Test data are not

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## SECTION 12: Ecological information

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**12.1. Toxicity**

Substance	Test duration	Species	Test	Result
No data.	-	-	-	-

**12.2. Persistence and degradability**

Substance	Biodegradability	Test	Result
No data.	-	-	-

**12.3. Bioaccumulative potential**

Substance	Potential bioaccumulation	LogPow
Boric acid	No	-1,09

**12.4. Mobility in soil**

Test data are not available.

**12.5. Results of PBT and vPvB assessment**

The product does not meet the criteria for PBT or vPvB.

**12.6. Endocrine disrupting properties**

Test data are not available.

**12.7. Other adverse effects**

None.

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## SECTION 13: Disposal considerations

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**13.1. Waste treatment methods**

The product is covered by the regulations on dangerous waste.

Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC-Code	Description
03 02 05	Other wood preservatives containing hazardous substances

**Specific labelling:**

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**Contaminated packaging:**

Empty packaging and residues must be disposed of through the municipal waste collection service for hazardous waste.

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## SECTION 14: Transport information

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The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

### 14.1 -14.4.

#### ADR

-

#### IMDG/IATA

-

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

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### 14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

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## SECTION 15: Regulatory information

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

#### Sources:

Commission Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, EU 2017/164 and EU 2019/1831 (the first, second, third, fourth and fifth IOELV Directives).

Directive 2004/37/EC with amendments

#### Additional labelling:

-

#### Restrictions for application:

For professional users only.

Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product. Young people above 15 years are exempted this rule, if the product is a part of an education/training.

Special care should be applied for pregnant and lactating women.

#### Demands for specific education:

-

### 15.2. Chemical safety assessment

None.

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## SECTION 16: Other information

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According to EU regulation 1907/2006 (REACH)

#### Other information:

##### Sources:

EC regulation 1907/2006 (REACH), with amendments.

EC Regulation 1272/2008 (CLP), with amendments.

EC Regulation 528/2012 (BPR), with amendments.

Directive 2008/98/EC

ECHA - The European Chemicals Agency

#### Full text of H-phrases as mentioned in section 2+3:

H360FD May damage fertility. May damage the unborn child.

#### Classification according to Regulation (EC) Nr. 1272/2008:

Repr. 1B:H360FD Calculation method

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**Abbreviations and acronyms used in the safety data sheet:**

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.

CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS-Number.: Chemical Abstracts Service number.

EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).

DNEL: Derived No Effect Level.

PNEC(s): Predicted No Effect Concentration(s).

STOT: Specific Target Organ Toxicity.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

LC50: Lethal Concentration to 50 % of a test population.

EC50: The effective concentration of substance that causes 50% of the maximum response.

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with

NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse

**Other:**

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other

**Minor changes have been made in following sections:**

General update.

**This material safety data sheet replaces version:**

1.5