

Summary of product characteristics for a biocidal product

Product name: TEKNOCOMBI 2917-62 RAL 9001

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

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Authorisation number: 417-21

R4BP 3 asset reference number: DK-0027288-0008

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Administrative information

1.1. Trade names of the product

TEKNOCOMBI 2917-62 RAL 9001

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Teknos A/S
	Address	Industrivej 19 6580 Vamdrup Denmark

Authorisation number	417-21 1-1
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R4BP 3 asset reference number	DK-0027288-0008
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Date of the authorisation	20/10/2021
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Expiry date of the authorisation	20/10/2031
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1.3. Manufacturer(s) of the biocidal products

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

Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	Troy Corporation
Address of the manufacturer	8 Vreeland Road 07932 Florham Park, New Jersey United States
Location of manufacturing sites	One Avenue L07105 Newark, New Jersey United States
Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	Troy Chemical Europe BV
Address of the manufacturer	Uiverlaan 12 E3145 XN Maassluis Netherlands
Location of manufacturing sites	Industriepark 23 56593 Horhausen Germany

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 (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	0,299968
BIT	1,2-benzisothiazolin-3-one	Non-active substance	2634-33-5	220-120-9	0,03076602
MIT	2-methyl-2h-isothiazol-3-one	Non-active substance	2682-20-4	220-239-6	0,0000164
Formaldehyde	Formaldehyde	Non-active substance	50-00-0	200-001-8	0,0001
DPM	dipropylenglycol methyl ether	Non-active substance	34590-94-8	252-104-2	0,096
Butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	2,495
Bytyl diglycol/butyloxitol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	0,18

2.2. Type of formulation

3. Hazard and precautionary statements

Hazard statements

Harmful to aquatic life with long lasting effects.

Contains 3-iodo-2-propynyl-butyl-carbamate, 1,2-benzisothiazolin-3-one (BIT) and 2-methyl-2h-isothiazol-3-one (MIT). May produce an allergic reaction.

Precautionary statements

Avoid release to the environment.

Dispose of contents to hazardous waste.

Dispose of container to hazardous waste.

4. Authorised use(s)

4.1 Use description

Use 1 - Use # 1.1 – Industrial -Automated spraying

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative for preventive protection against wood discolouring fungi

Target organism(s) (including development stage)

Scientific name: Aureobasidium pullulans spp.
Common name: Blue stain fungi
Development stage: Hyphae

Scientific name: Sydowia Pithyophilia
Common name: Blue stain fungi
Development stage: Hyphae

Field(s) of use

Indoor

Use class 2
Use class 3

Application method(s)

Method: Automatic spraying

Detailed description:

Application method in which the material is finely atomised in various types of automatic application/spraying equipment.

The coating facilities will be equipped with automatic spray guns, rotation disks or rotation bells and the spraying process will typically take place in a closed chamber.

Application rate(s) and frequencies

Application Rate: 250 – 400 g/m²
Dilution (%): 100
Number and timing of application:
The total amount to be applied is 250 – 400 g/m². This is achieved by 1-4 applications.

Category(ies) of users

Industrial

Pack sizes and packaging material

20 ltr. metal can (inside coated tinplate)

120 liter. HDPE drum (plastic)
1000 ltr. HDPE IPC (plastic)

4.1.1 Use-specific instructions for use

Please refer to section 5.1

4.1.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).

A protective coverall (at least type 6, EN 13034) shall be worn.
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. Any losses of the product shall be collected for reuse or disposal.
Please refer to section 5.2 for additional general risk mitigation measures.

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

Please refer to section 5.3

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

Please refer to 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

Please refer to section 5.5

4.2 Use description

Use 2 - Use # 1.2 - Industrial -Professional - Manual spraying

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	Wood preservative for preventive protection against wood discolouring fungi
Target organism(s) (including development stage)	Scientific name: Aureobasidium pullulans spp. Common name: Blue stain fungi Development stage: Hyphae Scientific name: Sydowia Pithyophilia Common name: Blue stain fungi Development stage: Hyphae
Field(s) of use	Indoor Use class 2 Use class 3
Application method(s)	Method: Open system: spray treatment Detailed description: Application method in which the material is finely atomised in various types of application/spraying equipment, e.g. a spray gun.
Application rate(s) and frequencies	Application Rate: 250-400 g/m ² Dilution (%): 100 Number and timing of application: The total amount to be applied is 250 – 400 g/m ² . This is achieved by 1-4 applications .
Category(ies) of users	Industrial
Pack sizes and packaging material	20 ltr. metal can (inside coated tinplate) 120 liter. HDPE drum (plastic) 1000 ltr. HDPE IPC (plastic)



4.2.1 Use-specific instructions for use

Please refer to section 5.1

4.2.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information). Do not reuse gloves. Use new gloves at start of each work period or at least every 4 hours.

A protective coverall (at least type 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).

Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet/hood/mask (TH1/TM1), or a half/full mask with combination filter gas/P2 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information).

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. Any losses of the product shall be collected for reuse or disposal.
Please refer to section 5.2 for additional general risk mitigation measures.

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

Please refer to section 5.3

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

Please refer to 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

Please refer to section

4.3 Use description

Use 3 - Use # 1.3 – Professional –Manual brush/roller/pad

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	Wood preservative for preventive protection against wood discolouring fungi
Target organism(s) (including development stage)	Scientific name: Aureobasidium pullulans spp. Common name: Blue stain fungi Development stage: Hyphae Scientific name: Sydowia Pithyophilia Common name: Blue stain fungi Development stage: Hyphae
Field(s) of use	Outdoor Use class 2 Use class 3
Application method(s)	Method: Manual brush/roller/pad Detailed description: Manual application with brush/roller or pad.
Application rate(s) and frequencies	Application Rate: 250-400 g/m ² Dilution (%): 100 Number and timing of application: The total amount to be applied is 250 – 400 g/m ² . This is achieved by 1-4 applications.
Category(ies) of users	Trained professional Professional
Pack sizes and packaging material	10 ltr. metal can (inside coated tinplate) 20 ltr. metal can (inside coated tinplate)

4.3.1 Use-specific instructions for use

Please refer to section 5.1

4.3.2 Use-specific risk mitigation measures

Cover the ground during application and collect any spillage.
Please refer to section 5.2 for additional general risk mitigation measures.

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

Please refer to section 5.3

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

Please refer to section 5.4

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

Please refer to section 5.5

5. General directions for use

5.1. Instructions for use

TEKNOCOMBI 2917-62 is an aqueous opaque wood preservative designed for superficial application in an industrial setting.

The product protects the wood surface and the treated area against wood discolouring fungi and satisfies the performance requirements in EN 599.1 for blue stain and for Use Class 2 and 3.1 when applied on wood that is minimum 'moderately to slightly durable to fungi' according to EN 350:2016: Durability Class DC3-4.

The total amount to be applied is 250-400 g/m². This is achieved by 1-4 applications. No topcoat is required.

Since actual absorption achieved depends on the wood species, the timber and surface quality, it may in practice and should be checked by appropriate means.

Drying times, determined at 20 °C and 50 % relative humidity:

Dry to handle: 2-3 hours

Dry to sand / recoat: 3-4 hours

The drying time can be reduced using special drying systems to force drying. The drying times are approximate and may vary according to wood quality, temperatures, humidity and ventilation.

Cleaning: The equipment is cleaned with water.

5.2. Risk mitigation measures

Keep children and pets away from treated wood during application and drying.
Do not use on wood which may come in direct contact with food feeding stuff and livestock animals.
The biocidal product shall not be used for treatment of wood which is intended for contact with food, feed or livestock.

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

IF INHALED: If symptoms occur call a POISON CENTRE or a doctor
IF SWALLOWED: Rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call a POISON CENTRE or a doctor.
IF ON SKIN: Wash skin with soap and water. If symptoms occur call a POISON CENTRE or a doctor.
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.

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

At the end of the treatment, dispose unused product and the packaging in accordance with local requirements.

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

Store in cool, dry place in well closed containers. Protect from direct sunlight.
Shelf life: 9 months in original containers

6. Other information