

Summary of product characteristics for a biocidal product

Product name: Celcure MC-T3

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

PT08 - Wood preservatives (Preservatives)

Authorisation number: FI-2018-0002, FI-2021-0020

R4BP 3 asset reference number: FI-0017845-0000

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Administrative information

1.1. Trade names of the product

Celcure MC-T3
Celcure MC-T2

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Koppers Performance Chemicals Denmark ApS
	Address	Avernakke 1 5800 Nyborg Denmark
Authorisation number	FI-2018-0002, FI-2021-0020	
R4BP 3 asset reference number	FI-0017845-0000	
Date of the authorisation	22/03/2017	
Expiry date of the authorisation	31/12/2025	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Protim Solignum Ltd
Address of the manufacturer	Fieldhouse Lane SL7 1LS Marlow United Kingdom
Location of manufacturing sites	Yarm Industrial Estate, Lingfield Way DL1 4QA Darlington United Kingdom

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

Active substance	6 - Basic Copper carbonate
Name of the manufacturer	Adchem Australia Pty Ltd
Address of the manufacturer	Linkson Street 5417 Burra Australia
Location of manufacturing sites	Adchem Australia Pty Ltd, Linkson Street 5417 Burra Australia

Active substance	51 - tebuconazole
Name of the manufacturer	Lanxess Deutschland GmbH
Address of the manufacturer	Kennedyplatz 1 50569 Cologne Germany
Location of manufacturing sites	Bayer Corp Agricultural Division, Hawthorn Road, MO 64120-0013 PO Box 4913 Kansas City United States

Active substance	6 - Basic Copper carbonate
Name of the manufacturer	Alchemia Ltd.
Address of the manufacturer	East Ord Industrial estate, Tweedmouth, TD15 2XF Berwick-upon-Tweed United Kingdom
Location of manufacturing sites	East Ord Industrial estate, Tweedmouth, TD15 2XF Berwick-upon-Tweed United Kingdom

Active substance	6 - Basic Copper carbonate
Name of the manufacturer	Goldschmidt TIB GmbH
Address of the manufacturer	16-22 Mülheimer Strasse 68219 Mannheim Germany
Location of manufacturing sites	16-22 Mülheimer Strasse 68219 Mannheim Germany

Active substance	6 - Basic Copper carbonate
Name of the manufacturer	William Blythe Limited
Address of the manufacturer	Church BB5 4PD Accrington United Kingdom
Location of manufacturing sites	Church BB5 4PD Accrington United Kingdom

Active substance	6 - Basic Copper carbonate
Name of the manufacturer	CP Chem Co, Ltd
Address of the manufacturer	129, Poseunggongdan-ro 117 Poseung-eup, Pyungtaek-si (Gyeonggi-do), Korea, Republic of
Location of manufacturing sites	129, Poseunggongdan-ro 117 Poseung-eup, Pyungtaek-si (Gyeonggi-do), Korea, Republic of

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 (%)
Basic Copper carbonate	Copper(II) carbonate-copper(II) hydroxide (1:1)	Active Substance	12069-69-1	235-113-6	18,18
tebuconazole	1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	Active Substance	107534-96-3	403-640-2	2,02
Sodium Nitrite	Sodium Nitrite	Non-active substance	7632-00-0	231-555-9	5,45

2.2. Type of formulation

SC - Suspension concentrate (= flowable concentrate)

3. Hazard and precautionary statements

Hazard statements	<p>Causes serious eye irritation.</p> <p>Very toxic to aquatic life with long lasting effects.</p>
Precautionary statements	<p>Wash hands thoroughly after handling.</p> <p>Wear eye protection/face protection.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>If eye irritation persists: Get medical advice.</p> <p>Collect spillage.</p>

Dispose of contents to an approved waste disposal plant collection point.

4. Authorised use(s)

4.1 Use description

Use 1 - Industrial use: treatment for wood Use Class 1 & 2

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	VII.1 Preventative: Preventative treatment on softwood.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes: Common name: Wood rotting fungi Development stage: Hyphae Scientific name: Anobiidae: Common name: Wood destroying beetles Development stage: Larvae
Field(s) of use	Other For use on wood in: -Use Class 1 (situation in which the wood or wood-based product is inside a construction, not exposed to the weather and wetting). -Use Class 2 (situation in which the wood or wood-based product is under cover and fully protected from the weather but occasional, non-persistent, wetting may occur. This can include outdoor placement of timber under a roof to prevent any exposure to rain and driven rain)
Application method(s)	Method: Closed system: vacuum impregnation Detailed description: Celcure MC-T3 is a water-based concentrate which is mixed with water at an industrial treatment plant, and the Treating Solution used to treat wood by vacuum pressure impregnation.
Application rate(s) and frequencies	Application Rate: Retention rates for use against wood rotting fungi: 3.12 – 5 kg m-3 Retention rates for use against wood destroying beetles: 3.20 – 5 kg m-3 Dilution (%): 0.5-6 % Number and timing of application: To be applied after dilution with water to a concentration of 0.5 – 6 % product. Retention rates for use against wood rotting fungi: 3.12 – 5 kg m-3 Retention rates for use against wood destroying beetles: 3.20 – 5 kg m-3
Category(ies) of users	Industrial IBC (intermediate bulk container), Plastic: HDPE , 1000 L

Pack sizes and packaging material

4.1.1 Use-specific instructions for use

Retention rates for use against wood rotting fungi: 3.12-5 kg m-3
Retention rates for use against wood destroying beetles: 3.20-5 kg m-3
To be applied after dilution with water to a concentration of 0.5-6 % product.

Mixing of the product from the IBC or bulk storage tank should be with an automated dosing system. This requires minimal operator involvement and reduces exposure of the operator to the product. Information on the use of the system can be obtained from [applicant](#).

4.1.2 Use-specific risk mitigation measures

A protective coverall (at least type 6, EN 13034 (coated coverall) shall be worn.
Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information).

Operators must wear new protective gloves for each work shift.
Avoid excessive contamination of coveralls.
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).

Storage of treated wood must be either;

- undercover with a recovery system in place (e.g. sump) or
- on impermeable hard standing and bunded to prevent run-off with a recovery system in place (e.g. sump).

Wash hands and exposed skin before meals and after use.

Constantly agitate during storage and use.

Do not use on wood which may come in direct contact with food feeding stuff and livestock animals.

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

First aid measures

General: In case of accident, suspected exposure or if you feel unwell seek medical advice immediately (show the label where possible).

If swallowed: seek medical advice immediately and show this container or label.

In case of contact with eyes; rinse immediately with plenty of water and seek medical advice.

After skin contact: wash immediately with plenty of water and soap and rinse thoroughly.

If inhaled: remove to fresh air. Seek medical attention if symptoms persist.

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

This material and its container must be disposed of safely as hazardous waste.
Any product collected during application that is not re-used must be disposed of safely as hazardous waste.
Do NOT dispose of unwanted product down drains.
Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

Dispose of packaging and of unused product in accordance with local regulations. If required, consult a professional waste operator

or local authority.

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

Keep in a safe place.
Protect from frost.
Store in a cool, dry, well-ventilated place.
Store in the original container tightly closed.

Constantly agitate during storage and use.

The maximum shelf life of this product is 24 months.

4.2 Use description

Use 2 - Industrial use: treatment for wood Use Class 3

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

VII.1 Preventative: Preventative treatment on softwood.

Target organism(s) (including development stage)

Scientific name: Basidiomycetes:
Common name: Wood rotting fungi
Development stage: Hyphae

Scientific name: Anobiidae:
Common name: Wood destroying beetles
Development stage: Larvae

Field(s) of use

Other

For use on wood in:
-Use Class 3 (situation in which the wood or wood-based product is not covered and not in contact with the ground. It is either continuously exposed to weather or protected from the weather but subject to frequent wetting).

Application method(s)

Method: Closed system: vacuum impregnation
Detailed description:
Celcure MC-T3 is a water-based concentrate which is mixed with water at an industrial treatment plant, and the Treating Solution used to treat wood by vacuum pressure impregnation.

Application rate(s) and frequencies

Application Rate: Retention rates for use against wood rotting fungi: 3.14 – 5 kg m⁻³
Retention rates for use against wood destroying beetles: 3.20 – 5 kg m⁻³
Dilution (%): 0.5-6 %
Number and timing of application:

To be applied after dilution with water to a concentration of 0.5 – 6 % product.
Retention rates for use against wood rotting fungi: 3.14 – 5 kg m⁻³
Retention rates for use against wood destroying beetles: 3.20 – 5 kg m⁻³

Category(ies) of users

Industrial

Pack sizes and packaging material

IBC (intermediate bulk container), Plastic: HDPE , 1000 L

4.2.1 Use-specific instructions for use

Retention rates for use against wood rotting fungi: 3.14-5 kg m⁻³
Retention rates for use against wood destroying beetles: 3.20-5 kg m⁻³
To be applied after dilution with water to a concentration of 0.5-6 % product.

Mixing of the product from the IBC or bulk storage tank should be with an automated dosing system. This requires minimal operator involvement and reduces exposure of the operator to the product. Information on the use of the system can be obtained from applicant.

4.2.2 Use-specific risk mitigation measures

A protective coverall (at least type 6, EN 13034 (coated coverall)) shall be worn.
Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information).

Operators must wear new protective gloves for each work shift.
Avoid excessive contamination of coveralls.
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).

Storage of treated wood must be either;

- undercover with a recovery system in place (e.g. sump) or
- on impermeable hard standing and bunded to prevent run-off with a recovery system in place (e.g. sump).

Wash hands and exposed skin before meals and after use.

Constantly agitate during storage and use.

Do not use on wood which may come in direct contact with food feeding stuff and livestock animals.

Treated timber must not be placed near or over water.

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

First aid measures

General: In case of accident, suspected exposure or if you feel unwell seek medical advice immediately (show the label where possible).

If swallowed: seek medical advice immediately and show this container or label.

In case of contact with eyes; rinse immediately with plenty of water and seek medical advice.

After skin contact: wash immediately with plenty of water and soap and rinse thoroughly.

If inhaled: remove to fresh air. Seek medical attention if symptoms persist.

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

This material and its container must be disposed of safely as hazardous waste.
Any product collected during application that is not re-used must be disposed of safely as hazardous waste.
Do NOT dispose of unwanted product down drains.
Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

Dispose of packaging and of unused product in accordance with local regulations. If required, consult a professional waste operator or local authority.

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

Keep in a safe place.
Protect from frost.
Store in a cool, dry, well-ventilated place.
Store in the original container tightly closed.

Constantly agitate during storage and use.

The maximum shelf life of this product is 24 months.

5. General directions for use

5.1. Instructions for use

See authorised uses

5.2. Risk mitigation measures

See authorised uses

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

See authorised uses

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

See authorised uses

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

See authorised uses

6. Other information

Resistance management: The phenomenon of copper tolerance by fungi is usually associated with the ability of the fungus to detoxify the Cu^{2+} ion by complexing it with oxalic acid to produce insoluble copper oxalate. In situations where copper treated wood is challenged by copper tolerant fungi this is usually overcome by the use of a supplementary biocide that has a different mode of action to copper.