

Summary of product characteristics for a biocidal product

Product name: Celcure C65

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

Authorisation number: IE/BPA 70268

R4BP 3 asset reference number: IE-0014500-0000

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Administrative information

1.1. Trade names of the product

Celcure C65

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	IE/BPA 70268	
R4BP 3 asset reference number	IE-0014500-0000	
Date of the authorisation	01/02/2019	
Expiry date of the authorisation	29/10/2028	

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
	LMI AB, Långebergavägen 40, SE-256 69, Helsingborg, Sweden

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

Active substance	20 - DDACarbonate
Name of the manufacturer	Lonza Cologne GmbH
Address of the manufacturer	Nettermannallee 1 50829 Cologne Germany
Location of manufacturing sites	8316 West Route 24 61547 Mapleton, IL United States

Active substance	67 - Didecyldimethylammonium chloride(DDAC)
Name of the manufacturer	Nouryon Surface Chemistry AB,
Address of the manufacturer	Stenunge Allé 6 SE 444 30 Stenungsund Sweden
Location of manufacturing sites	Nouryon Surface Chemistry AB, Stockviksverken 85013 Sundsvall Sweden

Active substance	6 - Basic Copper carbonate
Name of the manufacturer	Adchem (Australia) PTY Limited
Address of the manufacturer	Linkson Street 5417 Burra Australia
Location of manufacturing sites	Linkson Street 5417 Burra Australia

Active substance	6 - Basic Copper carbonate
Name of the manufacturer	CP Chem Co, Ltd
Address of the manufacturer	129, Poseunggongdan-ro 117 Beon-gil, Poseung-eup, Pyungtaek-si 17953 Gyeonggi-do Korea, Republic of
Location of manufacturing sites	129, Poseunggongdan-ro 117 Beon-gil, Poseung-eup, Pyungtaek-si 17953 Gyeonggi-do Korea, Republic of

Active substance	6 - Basic Copper carbonate
Name of the manufacturer	Spiess-Urania Chemicals GmbH,
Address of the manufacturer	Frankenstrasse 18b, 20097, Hamburg, Germany
Location of manufacturing sites	Frankenstrasse 18b, 20097, Hamburg, 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 (%)
Basic Copper carbonate	Copper(II) carbonate-copper(II) hydroxide (1:1)	Active Substance	12069-69-1	235-113-6	17,27
Didecyldimethylammonium chloride(DDAC)		Active Substance	7173-51-5	230-525-2	20,65
DDACarbonate	Reaction mass of N,N-didecyl-N,N-dimethylammonium carbonate and N,N-didecyl-N,N-dimethylammonium bicarbonate	Active Substance	894406-76-9	451-900-9	4,345
Ethanolamine	2-Aminoethanol	Non-active substance	141-43-5	205-483-3	34

2.2. Type of formulation

Celcure C65 consists of two separate soluble concentrate (SL) formulations, C65A and 65B. These two soluble concentrate formulations are mixed together with water to form a treating solution.

3. Hazard and precautionary statements

Hazard statements

Causes severe skin burns and eye damage.
Harmful if swallowed.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Harmful to aquatic life with long lasting effects.
To avoid risks to human health and the environment, comply with the instructions for use.

Precautionary statements

Do not breathe fume.
Wash exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves.
Wear protective clothing.
Wear face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a doctor.

Specific treatment (see ... on this label).

Wash contaminated clothing before reuse.

Collect spillage.

Store locked up.

Dispose of contents to be in accordance with local/regional/national/international regulation..

Keep out of reach of children.

4. Authorised use(s)

4.1 Use description

Use 1 - Industrial use

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: Fungi;
Common name: Wood rotting fungi
Development stage:

Scientific name: Wood destroying insects
Common name: Wood destroying insects
Development stage:

Scientific name: Termites
Common name: Termites
Development stage:

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), or
- 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). Wood treated for use in this use class

Application method(s)

cannot claim to offer protection against termites.
-Use Class 4(situation in which the wood or wood-based product is not covered and in contact with the ground. It is continually exposed to the weather).

Treated timber must not be placed over/near surface water bodies.

Method: Closed system: vacuum impregnation
Detailed description:
Celcure C65 is made by mixing the component parts C65A and 65B at a ratio of 4.35:1 and then diluting with water to give the concentration of active substances shown in the table below:

	Basic Copper Carbonate	DDAC	DDACarbonate
Min. % w/w	0.289	0.079	0.017
Max. % w/w	0.691	0.190	0.040

This solution is then applied via vacuum pressure impregnation to give the following retentions:

- Use class 1: 3.2 kg m-3
- Use class 2 and 3: 7.4 kg m-3
- Use class 4 (general use): 12.6 - 15.0 kg m-3
- Use class 4 (transmission poles): 26 - 26.3 kg m-3
- Use against termites: 10.9 kg m-3

Application rate(s) and frequencies

Application Rate: See "** Detailed description of the method" above
Dilution (%): The maximum in-use concentration must not contain more than 0.691 % w/w basic copper carbonate, 0.190 % w/w DDAC and 0.040 % w/w DDACarbonate
Number and timing of application:
See "** Detailed description of the method" above

Category(ies) of users

Industrial

Pack sizes and packaging material

600 – 1000 litre HDPE intermediate bulk container with screw cap.
30,000 litre 316 stainless steel bulk tanker.

4.1.1 Use-specific instructions for use

Avoid the formation or spread of mists in air.
Celcure C65 is only suitable for softwood species of timber.
All vacuum-pressure impregnation of timber to be undertaken at industrial sites where:
• 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).
• Freshly treated timber shall be stored after treatment under shelter AND on impermeable hard standing to prevent losses to soil, sewer, or water, and that any losses from the application of the product shall be collected for reuse or disposal.
To minimise generation of foam, controlled flow procedures (e.g. staged filling, use of Y connectors) should be used when mixing/filling treatment vessels.
Treated wood must be held until surfaces are dry.
Agitate before use.

4.1.2 Use-specific risk mitigation measures

For industrial use only.
For use on softwood only
The maximum in-use concentration must not contain more than 0.691 % w/w basic copper carbonate, 0.190 % w/w DDAC and 0.040 % w/w DDACarbonate

Wear suitable protective clothing (coveralls), suitable protective gloves and face/eye protection when handling the concentrate.
Wear suitable protective clothing (impermeable coveralls) and suitable protective gloves when handling freshly treated timber or handling contaminated surfaces
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).
Use on timber intended for sheet piling or jetties is not permitted
UC 3 treated timbers must not be placed near or over water.
UC 4 treated timbers must not be placed in surface waters / water bodies.
Treated timbers must not be placed near or over water.
WASH HANDS AND EXPOSED SKIN before meals and after use.
When using do not eat or drink.
Avoid the formation or spread of mists in air.
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.

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: rinse mouth, do not induce vomiting, call a poison centre if you feel unwell. Medical professionals should contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166), for further advice.

If on skin: remove all contaminated clothing and rinse skin with water.

If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing.

If in eyes: rinse cautiously with water for several minutes; remove contact lenses if present and easy to do so.

If eye irritation persists get medical attention.

Do not discharge into drains or rivers. Contain the spillage using bunding. Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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.
Dispose of contents/container 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

Store in cool, well ventilated area.
Keep container tightly closed.
Must only be kept in original packaging.
Protect from frost.
Keep in a safe place.
Shelf life 2 years

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

This is a 'two part' product which is supplied as two liquid concentrates, Celcure C65A and Celcure 65B, which are then mixed. The two parts have different active substances present in them as well as different CLP. As there is no function in SPC editor to include two different formulations and CLP, these have been combined in this SPC. Please see below for how the information should be split.

Celcure C65A

Active substance(s):

Basic copper carbonate - 17.27 %

Substances of Concern:

Ethanolamine - 34.00 %

CLP:

H314: Causes severe skin burns and eye damage

H302: Harmful if swallowed

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

P260; Do not breathe fumes.

P264; Wash exposed skin thoroughly after handling.

P270; Do not eat drink or smoke whilst using this product.

P280; Wear protective gloves/clothing/face protection.

P301 + P330 + P331; If swallowed: rinse mouth, do not induce vomiting, call a poison centre if you feel unwell.

P303 + P361 + P353; If on skin: remove all contaminated clothing and rinse skin with water.

P304 + P340; If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338; If in eyes: rinse cautiously with water for several minutes; remove contact lenses if present and easy to do so.

P310 Immediately call a doctor.

P321; Specific treatment (see ζ on this label).

P363; Wash contaminated clothing before reuse.

P391; Collect spillage

P405; Store locked up.

P501; Dispose of contents/container in accordance with local/regional/national/international regulation.

Celcure 65B

Active substance(s):

DDAC - 20.65 %

DDACarbonate - 4.345 %

CLP:

H302; Harmful if swallowed

H314; Causes severe skin burns and eye damage

H400; Very toxic to aquatic life

H411; Toxic to aquatic life with long last effects

P102; Keep out of reach of children

P260; Do not breathe fumes

P264; Wash exposed skin thoroughly after handling

P270; Do not eat drink or smoke whilst using this product.

P280; Wear protective gloves/clothing/face protection

P301 + P330 + P331; If swallowed: rinse mouth, do not induce vomiting, call a poison centre if you feel unwell

P303 + P361 + P353; If on skin: remove all contaminated clothing and rinse skin with water

P304 + P340; If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing

P305 + P351 + P338; If in eyes: rinse cautiously with water for several minutes; remove contact lenses if present and easy to do so

P363; Wash contaminated clothing before reuse

P391; Collect spillage

P405; Store locked up

P501; Dispose of contents/container in accordance with local/regional/national/international regulation