Summary of product characteristics for a biocidal product

Product name: Celcure M65

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

Authorisation number: FI-2018-0042

R4BP 3 asset reference number: FI-0019364-0000

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Administrative information

1.1. Trade names of the product

Celcure M65

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-2018-0042	
R4BP 3 asset reference number	FI-0019364-0000	
Date of the authorisation	13/09/2018	
Expiry date of the authorisation	21/06/2028	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Protim Solignum Ltd
Address of the manufacturer	Yarm Industrial Estate, Lingfield Way DL1 4QA Darlington 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 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	Alchema Limited
Address of the manufacturer	East Ord Industrial estate, Tweedmouth, Berwick-upon-Tweed TD15 2XF Northumberland United Kingdom
Location of manufacturing sites	East Ord Industrial estate, Tweedmouth, Berwick-upon-Tweed TD15 2XF Northumberland 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	Bridge Street, Church, Accrington BB5 4PD Lancashire United Kingdom
Location of manufacturing sites	Bridge Street, Church, Accrington BB5 4PD Lancashire United Kingdom

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

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, Illinois 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 (%)
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
Sodium Nitrite	Sodium Nitrite	Non-active substance	7632-00-0	231-555-9	6,66

2.2. Type of formulation

SC - Suspension concentrate (= flowable concentrate)

3. Hazard and precautionary statements

Hazard statements	Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.
Precautionary statements	Keep out of reach of children. Do not breathe fume. Wash exposed skin thoroughly after handling. Do no eat, drink or smoke when using this product. Wear protective gloves. Wear protective clothing. Wear face protection. Wear eye 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. If eye irritation persists:Get medical attention. Wash contaminated clothing before reuse. Collect spillage. Store locked up. Dispose of contents to be in accordance with local/regional/national/international regulation.

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 only
Target organism(s) (including development stage)	Scientific name: Common name: Wood rotting fungi Development stage: Scientific name: Common name: Wood destroying insects Development stage:
Field(s) of use	Indoor Outdoor 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). -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). -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.
Application method(s)	Method: Closed system: vacuum impregnation Detailed description: The product is supplied as 2 liquid concentrates – Celcure M65A and Celcure 65B. The treating solution is obtained by automated mixing of the 2 concentrates at a ratio of 4.35:1 for A and B respectively and then diluting with water to a concentration of 2.1% - 7.4% product to give the following retentions: Use class 1 – 8.83 kg m-3 Use classes 2 and 3 – 10.5 kg m-3 Use class 4 – 18.4 kg m-3 Use against termites (any class) – 14.51 kg m-3 The maximum permitted retention rates are as follows: UC 3 treatment of general timber at maximum product retention of 14.51 kg/m3 UC 4 treatment of transmission poles and fence posts at maximum product retention of 26.3 kg/m3
Application rate(s) and frequencies	Application Rate: see PAR Dilution (%): Number and timing of application: see PAR
Category(ies) of users	Industrial

Pack sizes and packaging material	600 – 1000 litre HDPE intermediate bulk container with screw cap

4.1.1 Use-specific instructions for use

For industrial use only.
Celcure M65 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.

Treated wood must be held until surfaces are dry.
Agitate before use.

4.1.2 Use-specific risk mitigation measures

UK only: The COSHH (Control of Substances Hazardous to Health) regulations 2002 (as amended) apply to the use of this product at work.
UK only: Guidance on the safe use of wood preservatives is provided in leaflet WIS 29 (“Occupational hygiene and health surveillance at industrial treatment plants”) at www.hse.gsi.gov.uk.
Industrial users of Celcure M65 must wear gloves, coverall and boots when carrying out treatment operations. In addition, gloves and face protection (faceshield) must be worn when handling concentrate M65A, and coverall, gloves and face protection (faceshield) must be worn when handling concentrate 65B.
Industrial users must wear new protective gloves for each work shift.
Avoid excessive contamination of coveralls.
Wash contaminated clothing before reuse.
Treated timber must not be placed over/near surface water bodies.
Keep out of reach of children.
Do not breathe fumes.
Wash exposed skin thoroughly after handling.
Do not eat, drink or smoke whilst using this product.
Collect spillage.
Avoid direct contact with the substance.
Ensure there is sufficient ventilation of the area.
Do not handle in a confined space.
Avoid the formation or spread of mists in the air.

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. UK medical professionals should contact the National Poisons Information Service (www.npis.org) 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.

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.
Do not contaminate ground, waterbodies or watercourses with chemicals or used container.
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 M65A 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 the above information. Please see below for how the information should be split.

Celcure M65A

Active substances present:
Basic copper carbonate - 17.27 %
CLP:
H302; Harmful if swallowed
H319; Causes serious eye irritation
H400 Very toxic to aquatic life
H410; Very toxic to aquatic life with long lasting effects

P102; Keep out of reach of children
P264; Wash exposed skin thoroughly after handling
P270; Do not eat drink or smoke whilst using this product.
P280; Wear eye protection
P301 + P330 + P312; If swallowed: rinse mouth and call a poison centre or doctor/physician if you feel unwell
P305 + P351 + P338; If in eyes: rinse cautiously with water for several minutes; remove contact lenses if present and easy to do so
P337 + P313; If eye irritation persists get medical attention
P391; Collect spillage
P501; Dispose of contents/container in accordance with local/regional/national/international regulation

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Celcure 65B

Active substances present:
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
H412; Harmful 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