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ANNEX

**SUMMARY OF PRODUCT CHARACTERISTICS
FOR A BIOCIDAL PRODUCT FAMILY**

impralit ACA Protect family

Product type(s)

PT08: Wood preservatives

Authorisation number IE/BPA 70770

R4BP asset number IE-0024337-0000

Part I.
FIRST INFORMATION LEVEL

1. ADMINISTRATIVE INFORMATION

1.1. Family name

Name	impralit ACA Protect family
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1.2. Product type(s)

Product type(s)	PT08: Wood preservatives
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1.3. Authorisation holder

Name and address of the authorisation holder	Name	Rütgers Organics GmbH
	Address	Oppauerstr. 43 68305 Mannheim Germany
Authorisation number		IE/BPA 70770
<i>R4BP asset number</i>		IE-0024337-0000
Date of the authorisation		09/06/2017
Expiry date of the authorisation		28/07/2025

1.4. Manufacturer(s) of the product

Name of manufacturer	Rütgers Organics GmbH
Address of manufacturer	Oppauerstraße 43 68305 Mannheim Germany
Location of manufacturing sites	Rütgers Organics GmbH site 1 Oppauerstraße 43 68305 Mannheim Germany Rütgers Organics GmbH site 2 Park Road Industrial Estate Cumbria LA14 4EQ Barrow-in-Furness United Kingdom of Great Britain and Northern Ireland (the)

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

Active substance	Basic Copper carbonate
Name of manufacturer	Spiess-Urania Chemicals GmbH
Address of manufacturer	Frankenstraße 18b 20097 Hamburg Germany
Location of manufacturing sites	Spiess-Urania Chemicals GmbH site 1 Hovestr. 50 20539 Hamburg Germany

Active substance	1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of manufacturer	Lanxess Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 50569 Köln Germany
Location of manufacturing sites	Lanxess Deutschland GmbH site 1 Schwarzwaldalle 215 CH 4002 Basel Switzerland

Active substance	tebuconazole
Name of manufacturer	Lanxess Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 50569 Köln Germany

Location of manufacturing sites

Lanxess Deutschland GmbH site 1 Hawthorn Road,
P.O. box 4913, MO 64120-0013 Kansas City United
States (the)

2. PRODUCT FAMILY COMPOSITION AND FORMULATION

2.1. Qualitative and quantitative information on the composition of the family

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	20 - 20 % (w/w)
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)		active substance	60207-90-1	262-104-4	0,3 - 0,3 % (w/w)
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	0,3 - 0,3 % (w/w)
Monoethanolamine	2-aminoethanol	Non-Active substance	141-43-5	205-483-3	35 - 35 % (w/w)

2.2. Type(s) of formulation

Formulation type(s)	SL Soluble concentrate
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Part II.
SECOND INFORMATION LEVEL - META SPC(S)

1. META SPC 1 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 1 identifier

Identifier	Meta SPC: meta SPC
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1.2. Suffix to the authorisation number

Number	1-1
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1.3. Product type(s)

Product type(s)	PT08: Wood preservatives
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2. META SPC 1 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 1

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	20 - 20 % (w/w)
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)		active substance	60207-90-1	262-104-4	0,3 - 0,3 % (w/w)
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	0,3 - 0,3 % (w/w)
Monoethanolamine	2-aminoethanol	Non-Active substance	141-43-5	205-483-3	35 - 35 % (w/w)

2.2. Type(s) of formulation of the meta SPC 1

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

Hazard statements	H332: Harmful if inhaled. H314: Causes severe skin burns and eye damage. H335: May cause respiratory irritation. H410: Very toxic to aquatic life with long lasting effects. EUH208: Contains propiconazole. May produce an allergic reaction.
Precautionary statements	P260: Do not breathe mist. P273: Avoid release to the environment. P280: Wear protective gloves. P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1. Preventive timber treatment

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Timber impregnation via vacuum pressure treatment
Target organism(s) (including development stage)	Scientific name: Fungi: Fungi: Common name: wood rotting fungi Development stage: hyphae Scientific name: Coleoptera: Coleoptera: Common name: wood boring beetles Development stage: larvae
Field(s) of use	indoor use outdoor use Use class 1, 2, 3 and 4a (according to EN 335-1)
Application method(s)	Method: closed system: vacuum impregnation Detailed description: Timber impregnation via vacuum pressure treatment
Application rate(s) and frequency	Application rate: Use class 1: 5.4 kg/m ³ ; use class 2 and 3: 7.4 kg/m ³ ; use class 4a: 14 kg/m ³ Dilution (%): 4 Number and timing of application: Applied once
Category(ies) of users	industrial
Pack sizes and packaging material	IBC (intermediate bulk container), Plastic: HDPE , 1200 kg IBC (intermediate bulk container), Plastic: HDPE , 600 kg Drum, Plastic: HDPE , 60 kg IBC: central screw cap, venting with synerised PE tap Drum: Cap K63 with outlet faucet

4.1.1. Use-specific instructions

See the general instructions for use

4.1.2. Use-specific risk mitigation measures

See the 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

See the general first aid instructions and emergency measures to protect the environment

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

See the general instructions for disposal

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

See the general conditions of storage

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1

5.1. Instructions for use

The product is diluted before use; a 1% to 4% solution is prepared depending on the use class and properties of the timber.

The wood must be free of bark, bark and any old paint. Treated wood must not show any signs of wood boring beetles or wood rotting fungi - parts of the affected wood must be removed to the intact surface or replaced with new wood elements in the case of a larger attack. Optimum wood moisture to impregnation is between 25-35%. Wood elements for use class 4a must be surface-treated prior to impregnation. After treatment, the wood must be dried for a sufficient length of time. Once the treated wood has dried, another top coat may be applied.

5.2. Risk mitigation measures

appropriate PPE: protective gloves, protective clothing, eye protection and, when handling the undiluted product, a face shield.

Ensure sufficient ventilation of the workplace. Do not breathe aerosol.

Do not eat, drink or smoke when handling the preparation.

Wash hands thoroughly after handling.

Wash contaminated clothing before use.

Freshly treated timber must be stored after treatment under shelter or on impermeable hard standing to prevent direct losses to soil or water.

The product and the application solution must not be released to soil, surface water or any kind of sewer. Any losses must be collected for reuse or for disposal as hazardous waste.

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

First aid measures

Inhalation: If inhaled, remove person to fresh air and keep comfortable for breathing. *Bochemit Forte Profi brown*: If experiencing allergic respiratory symptoms, call a doctor.

Skin contamination: *Undiluted product*: Take off immediately all contaminated clothing. Rinse skin with water. In case of skin burns, seek medical attention. *Application solution*: Wash skin with plenty of water.

Eye contamination: Rinse cautiously with water for several minutes, holding eyelids apart to ensure flushing of the entire surface. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention without delay (undiluted product) or if eye irritation persists (application solution).

Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical aid immediately and show the container label.

Emergency measures to protect the environment in case of an accident

Contain and collect spillage with a suitable absorbent and put into a labelled lockable container for disposal as hazardous waste. Wear appropriate personal protective equipment. Avoid an accidental discharge into sewers, surface water or soil. Soil contaminated by the undiluted product should be treated as hazardous waste.

In case of an accidental discharge of a large amount of the concentrated product to surface water, groundwater or sewer inform the appropriate authorities according to local regulations.

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

The product, empty containers and used sorbents must be treated as hazardous waste. The product and the application solution must not be released to the environment or to any kind of sewer.

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

Shelf-life: 2 years

Store in a well-ventilated place. Keep container tightly closed.

Store at temperature from –15 to +30 °C.

Protect against direct sunlight.

Keep away from food, beverages, drinking water and feed.

Prevent unauthorised access.

Provide means for cleaning of the area (absorbents) and water supply for first aid in case of skin/eye contamination.

6. OTHER INFORMATION

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 1

7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	impralit AC A protect	Market area: IE
Authorisation number	IE-0024337-0001 1-1	

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	20 % (w/w)
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)		active substance	60207-90-1	262-104-4	0,3 % (w/w)
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	0,3 % (w/w)
Monoethanolamine	2-aminoethanol	Non-Active substance	141-43-5	205-483-3	35 % (w/w)

7.2. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	impralit AC A protect brown	Market area: IE
Authorisation number	IE-0024337-0002 1-1	

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	20 % (w/w)
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)		active substance	60207-90-1	262-104-4	0,3 % (w/w)
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	0,3 % (w/w)
Monoethanolamine	2-aminoethanol	Non-Active substance	141-43-5	205-483-3	35 % (w/w)