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ANNEX

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

Lignum Dual Purpose Product Family

Product type(s)

PT08: Wood preservatives

Authorisation number IE/BPA 70493

R4BP asset number IE-0020596-0000

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Part I.
FIRST INFORMATION LEVEL

1. ADMINISTRATIVE INFORMATION

1.1. Family name

Name	Lignum Dual Purpose Product 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	WoodchemEQ Ltd
	Address	Unit 3D North Point House, North Point Business Park New Mallow Road T23 AT2P Cork Ireland
Authorisation number	IE/BPA 70493	
<i>R4BP asset number</i>	IE-0020596-0000	
Date of the authorisation	25/03/2019	
Expiry date of the authorisation	30/06/2026	

1.4. Manufacturer(s) of the product

Name of manufacturer	Enviroquest GPT Limited
Address of manufacturer	Unit E8/E9 DE21 6XE Derby United Kingdom of Great Britain and Northern Ireland (the)
Location of manufacturing sites	Unit E8/E9 DE21 6XE Derby United Kingdom of Great Britain and Northern Ireland (the)

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

Active substance	1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of manufacturer	Janssen PMP
Address of manufacturer	Turnhoutseweg 30 2340 Beerse Belgium
Location of manufacturing sites	Jiangsu Sevencontinent Green Chemical Co. Ltd. North Area of Dongsha Chem-Zone. 215600 Zhangjiagang China

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	Troy Chemical Company
Address of manufacturer	Uiverlaan 12e P.O. Box 132 AC Maassluis Netherlands (the)
Location of manufacturing sites	8 Vreeland Road P.O. Box 955, Florham Park 07932 New Jersey New Jersey United States (the)

Active substance	Permethrin
Name of manufacturer	Caldic Denmark A/S (Acting for Tagros Chemicals India Ltd.)

Address of manufacturer	Caldic Denmark A/S: Odinsvej 23, 8722 Hedensted Denmark
Location of manufacturing sites	Tagros Chemicals India Limited A4 / 1 & 2 SIPCOT INDUSTRIAL COMPLEX, PACHAYANKUPPAM 607 005 CUDDALORE Tamil Nadu India

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 (%)
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	0,269 - 9,075 % (w/w)
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,127 - 2,994 % (w/w)
Permethrin		active substance	52645-53-1	258-067-9	0,133 - 3,155 % (w/w)
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	1 - 25 % (w/w)

2.2. Type(s) of formulation

Formulation type(s)	ME Micro-emulsion
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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 1 - Lignum Pro D156 - concentrate
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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 (%)
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	9,075 - 9,075 % (w/w)
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	2,994 - 2,994 % (w/w)
Permethrin		active substance	52645-53-1	258-067-9	3,155 - 3,155 % (w/w)
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	25 - 25 % (w/w)

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

Formulation type(s)	ME Micro-emulsion
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

<p>Hazard statements</p>	<p>H318: Causes serious eye damage.</p> <p>H317: May cause an allergic skin reaction.</p> <p>H373: May cause damage to organs larynx through prolonged or repeated exposure larynx.</p> <p>H360D: May damage the unborn child.</p> <p>H400: Very toxic to aquatic life.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>H302: Harmful if swallowed.</p> <p>EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.</p>
<p>Precautionary statements</p>	<p>P201: Obtain special instructions before use.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P260: Do not breathe vapours.</p> <p>P261: Avoid breathing vapours.</p> <p>P272: Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear protective gloves.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p> <p>P302+P352: IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313: IF exposed or concerned: Get medical attention.</p> <p>P321: Specific treatment (see first aid instructions on this label).</p> <p>P362+P364: Take off contaminated clothing and wash it before reuse.</p> <p>P391: Collect spillage.</p> <p>P405: Store locked up.</p>

P501: Dispose of contents to a licensed hazardous-waste disposal contractor or collection site.

P501: Dispose of container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste..

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P301+P312: IF SWALLOWED: Call a POISON CENTER if you feel unwell.

P330: Rinse mouth.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Professional use - Use class 1 - 1 litre of product to 11.5 litres of water

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All</p>
Field(s) of use	<p>indoor use</p> <p>Use class 1</p>
Application method(s)	<p>Method: open system: brush treatment</p> <p>Detailed description: The product will be applied by a brush or low pressure spray application.</p>
Application rate(s) and frequency	<p>Application Rate: 100-300 ml/m²</p> <p>Dilution (%): Dilute 1 litre of product with 11.5 litres of water (8%)</p> <p>Number and timing of application: For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 200 ml/m²</p> <p>For a preventative treatment against termites (<i>Reticulitermes</i> spp.) :</p>

	Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 200 ml/m ²
Category(ies) of users	professional
Pack sizes and packaging material	1-5 litre HDPE container with squeeze lock cap

4.1.1. Use-specific instructions for use

See 5.1

4.1.2. Use-specific risk mitigation measures

See 5.2

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 5.3

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

See 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

See 5.5

4.2. Use description 2

Table 2. Professional use - Use class 2 - 1 litre of product to 11.5 litres of water

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All</p> <p>Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot</p> <p>Scientific name: wood discolouring fungi Common name: wood discolouring fungi Development stage: All</p>

Field(s) of use	<p>outdoor use</p> <p>Use class 2</p>
Application method(s)	<p>Method: open system: brush treatment</p> <p>Detailed description: The product will be applied by a brush or low pressure spray application.</p>
Application rate(s) and frequency	<p>Application Rate: 107-300 ml/m²</p> <p>Dilution (%): Dilute 1 litre of product with 11.5 litres of water (8%)</p> <p>Number and timing of application:</p> <p>For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>) : Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 200 ml/m²</p> <p>For a preventative treatment against termites (<i>Reticulitermes spp</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 200 ml/m²</p> <p>For a preventative treatment against wood rotting fungi (<i>Basidiomycetes</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 107 – 200 ml/m²</p> <p>For a preventative treatment against wood discolouring fungi: Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 200 ml/m²</p>
Category(ies) of users	professional
Pack sizes and packaging material	1-5 litre HDPE container with squeeze lock cap

4.2.1. Use-specific instructions for use

See 5.1

4.2.2. Use-specific risk mitigation measures

When UC 2 application takes place outdoors under a roof, soil/ground in the vicinity of timber to be treated must be protected with a tarpaulin or plastic sheeting) until treated surfaces are “dry” (i.e. they no longer drip).

Any waste should be disposed of safely in line with national waste management measures (product should be left to dry and any solids added to domestic waste for disposal at landfill).

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product must be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

Treatment of timber must not take place over/near surface water bodies.

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

See 5.3

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

See 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

See 5.5

4.3. Use description 3

Table 3. Professional use - Use class 3 - 1 litre of product to 11.5 litres of water

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All</p> <p>Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot</p> <p>Scientific name: Wood discolouring fungi Common name: Wood discolouring fungi Development stage: All</p>
Field(s) of use	<p>outdoor use</p> <p>Use class 3</p>
Application method(s)	<p>Method: open system: brush treatment</p> <p>Detailed description: The product will be applied by a brush</p>

Application rate(s) and frequency	<p>Application Rate: 107-300 ml/m²</p> <p>Dilution (%): Dilute 1 litre of product with 11.5 litres of water (8%)</p> <p>Number and timing of application: For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>) : Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against termites (<i>Reticulitermes spp.</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 200 ml/m²</p> <p>For a preventative treatment against wood rotting fungi (Basidiomycetes): Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 107 – 200 ml/m²</p> <p>For a preventative treatment against wood discolouring fungi: Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 200 ml/m²</p>
Category(ies) of users	professional
Pack sizes and packaging material	1-5 litre HDPE container with squeeze lock cap

4.3.1. Use-specific instructions for use

See 5.1

4.3.2. Use-specific risk mitigation measures

For application by brush only, at a maximum active substance application rate of 2.25 g/m² propiconazole, 0.75 g/m² IPBC and 0.75 g/m² permethrin and only where a treatment system that includes an undercoat and a non biocidal topcoat is employed.

Treatment of timber must not take place over/near surface water bodies

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

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

See 5.3

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

See 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

See 5.5

4.4. Use description 4

Table 4. Professional use - Use class 1 - 1 litre of product to 24 litres of water

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae
Field(s) of use	indoor use Use class 1
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush or low pressure spray application.
Application rate(s) and frequency	Application Rate: 200 ml/m ² Dilution (%): Dilute 1 litre of product with 24 litres of water (4%) Number and timing of application: For pre treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 24L of water. Apply diluted product at a rate of 200 ml/m ²
Category(ies) of users	professional
Pack sizes and packaging material	1-5 litre HDPE container with squeeze lock cap

4.4.1. Use-specific instructions for use

See 5.1

4.4.2. Use-specific risk mitigation measures

See 5.2

4.4.3. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See 5.3

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

See 5.4

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

See 5.5

4.5. Use description 5

Table 5. Professional use - Use class 2 - 1 litre of product to 24 litres of water

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot
Field(s) of use	outdoor use Use class 2
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush or low pressure spray application.
Application rate(s) and frequency	Application Rate: 200-214 ml/m ² Dilution (%): Dilute 1 litre of product with 24 litres of water (4%) Number and timing of application: For a preventative treatment against wood boring beetles (<i>hylotrupes bajulus</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 24L of water. Apply diluted product at a rate of 200 ml/m ² For a preventative treatment against wood rotting fungi (Basidiomycetes) : Lignum Pro D156 should be diluted prior to application, using 1L of product with 24L of water. Apply diluted product at a rate of 214 ml/m ²
Category(ies) of users	professional
Pack sizes and packaging material	1-5 litre HDPE container with squeeze lock cap

4.5.1. Use-specific instructions for use

See 5.1

4.5.2. Use-specific risk mitigation measures

When UC 2 application takes place outdoors under a roof, soil/ground in the vicinity of timber to be treated must be protected with a tarpaulin or plastic sheeting) until treated surfaces are “dry” (i.e. they no longer drip).

Any waste should be disposed of safely in line with national waste management measures (product should be left to dry and any solids added to domestic waste for disposal at landfill).

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product must be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

4.5.3. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See 5.3

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

See 5.4

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

See 5.5

4.6. Use description 6

Table 6. Professional use - Use class 3 - 1 litre of product to 24 litres of water

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot
Field(s) of use	outdoor use Use class 3
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush
Application rate(s) and frequency	Application Rate: 200-214 ml/m ² Dilution (%): Dilute 1 litre of product with 24 litres of water (4%) Number and timing of application: For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 24L of water. Apply diluted product at a rate of 200 ml/m ² For a preventative treatment against wood rotting fungi (Basidiomycetes): Lignum Pro D156 should be diluted prior to application, using 1L of product with 24L of water. Apply diluted product at a rate of 214 ml/m ²
Category(ies) of users	professional
Pack sizes and packaging material	1-5 litre HDPE container with squeeze lock cap

4.6.1. Use-specific instructions for use

See 5.1

4.6.2. Use-specific risk mitigation measures

For application by brush only, at a maximum active substance application rate of 2.25 g/m² propiconazole, 0.75 g/m² IPBC and 0.75 g/m² permethrin and only where a treatment system that includes an undercoat and a non biocidal topcoat is employed.

Treatment of timber must not take place over/near surface water bodies

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

4.6.3. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See 5.3

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

See 5.4

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

See 5.5

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage do not eat, drink or smoke.

Avoid breathing vapour or mist. Provide adequate ventilation.

Unprotected persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions.

Any product on skin should be washed off. Persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions. Treated surfaces should not be touched until dry.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer

Always read the label or leaflet before use and follow all the instructions provided.

Inform the registration holder if the treatment is ineffective.

5.2. Risk mitigation measures

FOR USE ONLY BY PROFESSIONAL OPERATORS.

Wear a protective coverall (at least type 6, EN 13034), suitable protective gloves and eye/face protection when handling the concentrate or applying the product (glove material to be specified by the authorisation holder within the product information)

Avoid contact with eyes

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Do not contaminate foodstuffs, eating utensils or food contact surfaces.

Avoid prolonged contact of pets, particularly cats, to treated surfaces.

May cause harm to bats.

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

Pyrethroids and pyrethrins may cause paraesthesia (burning and prickling of the skin without irritation). If symptoms persist get medical advice.

This product contains Permethrin; Pyrethroids can cause facial paraesthesia

Poisoning may cause: Irritation or/and allergic skin reaction, irritation of eyes, mucosa, respiratory tract and gastrointestinal tract.

Basic First aid procedures:

IF ON SKIN: wash with soap and plenty of water, without rubbing.

IF IN EYES: remove contact lenses, rinse with plenty of water for at least 15 minutes.

IF SWALLOWED: do NOT induce vomiting.

If necessary attend hospital and show the label or packaging if possible. Do not leave poisoned person unattended.

Medical professionals should contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166) for further advice.

Collect spillage if safe to do so.

Treatment advice for doctors and medical personnel:

Symptomatic and support treatment.

IF MEDICAL ADVICE IS NEEDED, HAVE THE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166)

Contain and collect spillage with a suitable absorbent and put into a labelled lockable container for disposal as hazardous waste.

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

Empty containers, unused product and other waste generated during treatment are considered hazardous waste.

Dispose of in accordance with local regulations. Do not release to soil, ground, surface water or sewers

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

Store in a cool, well ventilated area

Keep container tightly closed

The floor of the storage room must be impermeable to prevent the escape of liquid

Must only be kept in original packaging

Shelf life 2 years

6. OTHER INFORMATION

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Treated wood should not be intended for uses involving contact with food, feed or livestock.

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)	Lignum Pro D156	Market area: IE
Authorisation number	IE-0020596-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
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	9,075
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	2,994
Permethrin		active substance	52645-53-1	258-067-9	3,155
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	25

1. META SPC 2 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 2 identifier

Identifier	Meta SPC: Meta SPC 2 – RTU - Lignum Universal Wood Preserver
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1.2. Suffix to the authorisation number

Number	1-2
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1.3. Product type(s)

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

2.1. Qualitative and quantitative information on the composition of the meta SPC 2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
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	0,766 - 0,766 % (w/w)
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,253 - 0,253 % (w/w)
Permethrin		active substance	52645-53-1	258-067-9	0,266 - 0,266 % (w/w)
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	2 - 2 % (w/w)

2.2. Type(s) of formulation of the meta SPC 2

Formulation type(s)	ME Micro-emulsion
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 2

<p>Hazard statements</p>	<p>H319: Causes serious eye irritation.</p> <p>H360D: May damage the unborn child.</p> <p>H400: Very toxic to aquatic life.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.</p>
<p>Precautionary statements</p>	<p>P201: Obtain special instructions before use.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P264: Wash hands and exposed skin thoroughly after handling.</p> <p>P280: Wear protective gloves.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313: IF exposed or concerned: Get medical attention.</p> <p>P337+P313: If eye irritation persists: Get medical attention.</p> <p>P391: Collect spillage.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents to a licensed hazardous-waste disposal contractor or collection site.</p> <p>P501: Dispose of container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste..</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Professional use - use class 1

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All</p>
Field(s) of use	indoor use Use class 1
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush or low pressure spray application.
Application rate(s) and frequency	<p>Application Rate: 100-300 ml/m²</p> <p>Dilution (%): 0</p> <p>Number and timing of application: For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>): Apply product at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Apply product at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Apply at a rate of 200 ml/m²</p> <p>For a preventative treatment against termites (<i>Reticulitermes spp.</i>): Apply product at a rate of 200 ml/m²</p>
Category(ies) of users	professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.1.1. Use-specific instructions for use

See 5.1

4.1.2. Use-specific risk mitigation measures

See 5.2

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 5.3

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

See 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

See 5.5

4.2. Use description 2

Table 2. Professional use - use class 2

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot Scientific name: wood discolouring fungi Common name: wood discolouring fungi Development stage: All
Field(s) of use	outdoor use Use class 2
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush or low pressure spray application.

Application rate(s) and frequency	<p>Application Rate: 107-300 ml/m²</p> <p>Dilution (%): 0</p> <p>Number and timing of application: For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>): Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Apply product at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Apply at a rate of 200 ml/m²</p> <p>For a preventative treatment against termites (<i>Reticulitermes spp.</i>) : Apply product at a rate of 200 ml/m²</p> <p>For a preventative treatment against wood rotting fungi (<i>Basidiomycetes</i>) : Apply product at a rate of 107 – 200 ml/m²</p> <p>For a preventative treatment against wood discolouring fungi: Apply product at a rate of 200 ml/m²</p>
Category(ies) of users	professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.2.1. Use-specific instructions for use

See 5.1

4.2.2. Use-specific risk mitigation measures

When UC 2 application takes place outdoors under a roof, soil/ground in the vicinity of timber to be treated must be protected with a tarpaulin or plastic sheeting) until treated surfaces are “dry” (i.e. they no longer drip).

Any waste should be disposed of safely in line with national waste management measures (product should be left to dry and any solids added to domestic waste for disposal at landfill).

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product must be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way. Treatment of timber must not take place over/near surface water bodies.

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

See 5.3

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

See 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

See 5.5

4.3. Use description 3

Table 3. Professional use - use class 3

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All</p> <p>Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot</p> <p>Scientific name: Wood discolouring fungi Common name: Wood discolouring fungi Development stage: All</p>
Field(s) of use	<p>outdoor use</p> <p>Use class 3</p>
Application method(s)	<p>Method: open system: brush treatment</p> <p>Detailed description: The product will be applied by a brush</p>
Application rate(s) and frequency	<p>Application Rate: 107-300 ml/m²</p> <p>Dilution (%): 0</p> <p>Number and timing of application: For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>) : Apply product at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Apply product at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against termites (<i>Reticulitermes</i> spp.) : Apply product at a rate of 200 ml/m²</p> <p>For a preventative treatment against wood rotting fungi (Basidiomycetes) : Apply product at a rate of 107 – 200 ml/m²</p>

	For a preventative treatment against wood discolouring fungi: Apply product at a rate of 200 ml/m ²
Category(ies) of users	professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.3.1. Use-specific instructions for use

See 5.1

4.3.2. Use-specific risk mitigation measures

For application by brush only, at a maximum active substance application rate of 2.25 g/m² propiconazole, 0.75 g/m² IPBC and 0.75 g/m² permethrin and only where a treatment system that includes an undercoat and a non biocidal topcoat is employed.

Treatment of timber must not take place over/near surface water bodies

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

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

See 5.3

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

See 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

See 5.5

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 2

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage do not eat, drink or smoke.

Avoid breathing vapour or mist. Provide adequate ventilation.

Unprotected persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions.

Any product on skin should be washed off. Persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions. Treated surfaces should not be touched until dry.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer

Always read the label or leaflet before use and follow all the instructions provided.

Inform the registration holder if the treatment is ineffective.

5.2. Risk mitigation measures

FOR USE ONLY BY PROFESSIONAL OPERATORS.

The COSHH (Control of Substances Hazardous to Health) Regulation 2002 (as amended) apply to the use of this product at work.

Wear a protective coverall (at least type 6, EN 13034), suitable protective gloves and eye/face protection when handling the concentrate or applying the product (glove material to be specified by the authorisation holder within the product information)

Avoid contact with eyes

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Do not contaminate foodstuffs, eating utensils or food contact surfaces.

Avoid prolonged contact of pets, particularly cats, to treated surfaces.

May cause harm to bats.

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

Pyrethroids and pyrethrins may cause paraesthesia (burning and prickling of the skin without irritation). If symptoms persist get medical advice.

This product contains Permethrin; Pyrethroids can cause facial paraesthesia

Poisoning may cause: Irritation or/and allergic skin reaction, irritation of eyes, mucosa, respiratory tract and gastrointestinal tract.

Basic First aid procedures:

IF ON SKIN: wash with soap and plenty of water, without rubbing.

IF IN EYES: remove contact lenses, rinse with plenty of water for at least 15 minutes.

IF SWALLOWED: do NOT induce vomiting.

If necessary attend hospital and show the label or packaging if possible. Do not leave poisoned person unattended.

Medical professionals should contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166) for further advice.

Collect spillage if safe to do so.

Treatment advice for doctors and medical personnel:

Symptomatic and support treatment.

IF MEDICAL ADVICE IS NEEDED, HAVE THE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166)

Contain and collect spillage with a suitable absorbent and put into a labelled lockable container for disposal as hazardous waste.

Avoid accidental discharge into sewers, surface water or soil.

Soil contaminated by the product should be treated as hazardous waste.

In case of an accidental discharge of a large amount of the 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

Empty containers, unused product and other waste generated during treatment are considered hazardous waste. Dispose of in accordance with local regulations. Do not release to soil, ground, surface water or sewers

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

Store in a cool, well ventilated area

Keep container tightly closed

The floor of the storage room must be impermeable to prevent the escape of liquid

Must only be kept in original packaging

Shelf life 2 years

6. OTHER INFORMATION

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Treated wood should not be intended for uses involving contact with food, feed or livestock.

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 2

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

Trade name(s)	Lignum Universal Wood Preserver	Market area: IE
Authorisation number	IE-0020596-0002 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
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	0,766
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,253
Permethrin		active substance	52645-53-1	258-067-9	0,266
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	2

1. META SPC 3 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 3 identifier

Identifier	Meta SPC: Meta SPC 3 – RTU - Lignum Wood Preserver
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1.2. Suffix to the authorisation number

Number	1-3
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1.3. Product type(s)

Product type(s)	PT08: Wood preservatives
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2. META SPC 3 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 3

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
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	0,383 - 0,383 % (w/w)
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,127 - 0,127 % (w/w)
Permethrin		active substance	52645-53-1	258-067-9	0,133 - 0,133 % (w/w)
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	1 - 1 % (w/w)

2.2. Type(s) of formulation of the meta SPC 3

Formulation type(s)	ME Micro-emulsion
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 3

<p>Hazard statements</p>	<p>H319: Causes serious eye irritation.</p> <p>H360D: May damage the unborn child.</p> <p>H400: Very toxic to aquatic life.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.</p>
<p>Precautionary statements</p>	<p>P201: Obtain special instructions before use.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P264: Wash hands and exposed skin thoroughly after handling.</p> <p>P280: Wear protective gloves.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313: IF exposed or concerned: Get medical attention.</p> <p>P337+P313: If eye irritation persists: Get medical attention.</p> <p>P391: Collect spillage.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents to a licensed hazardous-waste disposal contractor or collection site.</p> <p>P501: Dispose of container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste..</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Professional use - use class 1

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae
Field(s) of use	indoor use Use class 1
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush or low pressure spray application.
Application rate(s) and frequency	Application Rate: 200 ml/m ² Dilution (%): 0 Number and timing of application: For preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Apply product at a rate of 200 ml/m ²
Category(ies) of users	professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.1.1. Use-specific instructions for use

See 5.1

4.1.2. Use-specific risk mitigation measures

See 5.2

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 5.3

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

See 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

See 5.5

4.2. Use description 2

Table 2. Professional use - use class 2

Product type	PT08: Wood preservatives
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Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot
Field(s) of use	outdoor use Use class 2
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush or low pressure spray application.
Application rate(s) and frequency	Application Rate: 200-214 ml/m ² Dilution (%): 0 Number and timing of application: For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Apply product at a rate of 200 ml/m ² For a preventative treatment against wood rotting fungi (Basidiomycetes): Apply product at a rate of 214 ml/m ²
Category(ies) of users	professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.2.1. Use-specific instructions for use

See 5.1

4.2.2. Use-specific risk mitigation measures

When UC 2 application takes place outdoors under a roof, soil/ground in the vicinity of timber to be treated must be protected with a tarpaulin or plastic sheeting) until treated surfaces are “dry” (i.e. they no longer drip).

Any waste should be disposed of safely in line with national waste management measures (product should be left to dry and any solids added to domestic waste for disposal at landfill).

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product must be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

Treatment of timber must not take place over/near surface water bodies.

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

See 5.3

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

See 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

See 5.5

4.3. Use description 3

Table 3. Professional use - use class 3

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot
Field(s) of use	outdoor use Use class 3
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush
Application rate(s) and frequency	Application Rate: 200-214 ml/m ² Dilution (%): 0 Number and timing of application: For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Apply product at a rate of 200 ml/m ² For a preventative treatment against wood rotting fungi (Basidiomycetes): Apply product at a rate of 214 ml/m ²
Category(ies) of users	professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.3.1. Use-specific instructions for use

See 5.1

4.3.2. Use-specific risk mitigation measures

For application by brush only, at a maximum active substance application rate of 2.25 g/m² propiconazole, 0.75 g/m² IPBC and 0.75 g/m² permethrin and only where a treatment system that includes an undercoat and a non biocidal topcoat is employed.

Treatment of timber must not take place over/near surface water bodies

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

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

See 5.3

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

See 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

See 5.5

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 3

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage do not eat, drink or smoke.

Avoid breathing vapour or mist. Provide adequate ventilation.

Unprotected persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions.

Any product on skin should be washed off. Persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions. Treated surfaces should not be touched until dry.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer

Always read the label or leaflet before use and follow all the instructions provided.

Inform the registration holder if the treatment is ineffective.

5.2. Risk mitigation measures

FOR USE ONLY BY PROFESSIONAL OPERATORS.

Wear a protective coverall (at least type 6, EN 13034), suitable protective gloves and eye/face protection when handling the concentrate or applying the product (glove material to be specified by the authorisation holder within the product information)

Avoid contact with eyes

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Do not contaminate foodstuffs, eating utensils or food contact surfaces.

Avoid prolonged contact of pets, particularly cats, to treated surfaces.

May cause harm to bats.

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

Pyrethroids and pyrethrins may cause paraesthesia (burning and prickling of the skin without irritation). If symptoms persist get medical advice.

This product contains Permethrin; Pyrethroids can cause facial paraesthesia

Poisoning may cause: Irritation or/and allergic skin reaction, irritation of eyes, mucosa, respiratory tract and gastrointestinal tract.

Basic First aid procedures:

IF ON SKIN: wash with soap and plenty of water, without rubbing.

IF IN EYES: remove contact lenses, rinse with plenty of water for at least 15 minutes.

IF SWALLOWED: do NOT induce vomiting.

If necessary attend hospital and show the label or packaging if possible. Do not leave poisoned person unattended.

Medical professionals should contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166) for further advice.

Collect spillage if safe to do so.

Treatment advice for doctors and medical personnel:

Symptomatic and support treatment.

IF MEDICAL ADVICE IS NEEDED, HAVE THE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166)

Contain and collect spillage with a suitable absorbent and put into a labelled lockable container for disposal as hazardous waste.

Avoid accidental discharge into sewers, surface water or soil.

Soil contaminated by the product should be treated as hazardous waste.

In case of an accidental discharge of a large amount of the 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

Empty containers, unused product and other waste generated during treatment are considered hazardous waste.

Dispose of in accordance with local regulations. Do not release to soil, ground, surface water or sewers

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

Store in a cool, well ventilated area

Keep container tightly closed

The floor of the storage room must be impermeable to prevent the escape of liquid

Must only be kept in original packaging

Shelf life 2 years

6. OTHER INFORMATION

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Treated wood should not be intended for uses involving contact with food, feed or livestock.

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 3

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

Trade name(s)	-	Market area: IE
Authorisation number	IE-0020596-0003 1-3	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
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	0,383
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,127
Permethrin		active substance	52645-53-1	258-067-9	0,133
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	1

1. META SPC 4 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 4 identifier

Identifier	Meta SPC: Meta SPC 4 - RTU - Low Propi Product - Professional
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1.2. Suffix to the authorisation number

Number	1-4
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1.3. Product type(s)

Product type(s)	PT08: Wood preservatives
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2. META SPC 4 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 4

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
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	0,269 - 0,269 % (w/w)
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,253 - 0,253 % (w/w)
Permethrin		active substance	52645-53-1	258-067-9	0,266 - 0,266 % (w/w)
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	2 - 2 % (w/w)

2.2. Type(s) of formulation of the meta SPC 4

Formulation type(s)	ME Micro-emulsion
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 4

Hazard statements	<p>H319: Causes serious eye irritation.</p> <p>H400: Very toxic to aquatic life.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.</p>
Precautionary statements	<p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P103: Read carefully and follow all instructions.</p> <p>P264: Wash hands and exposed skin thoroughly after handling.</p> <p>P280: Wear protective gloves.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313: If eye irritation persists: Get medical attention.</p> <p>P391: Collect spillage.</p> <p>P501: Dispose of contents to to a licensed hazardous-waste disposal contractor or collection site.</p> <p>P501: Dispose of container to to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste..</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Professional use - use class 1

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All</p>
Field(s) of use	indoor use Use class 1
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush or low pressure spray application.
Application rate(s) and frequency	<p>Application Rate: 100-300 ml/m²</p> <p>Dilution (%): 0</p> <p>Number and timing of application: For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>) : Apply at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Apply at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Apply at a rate of 200 ml/m²</p> <p>For a preventative treatment against termites (<i>Reticulitermes</i> spp.): Apply at a rate of 200 ml/m²</p>
Category(ies) of users	professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.1.1. Use-specific instructions for use

FOR USE ONLY BY PROFESSIONAL OPERATORS.

Wear a protective coverall (at least type 6, EN 13034), suitable protective gloves and eye/face protection when handling the concentrate or applying the product (glove material to be specified by the authorisation holder within the product information)

4.1.2. Use-specific risk mitigation measures

See 5.2

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 5.3

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

See 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

See 5.5

4.2. Use description 2

Table 2. Professional use - use class 2

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All</p> <p>Scientific name: Basidiomycetes: Basidiomycetes: Common name: Wood rotting fungi Development stage: Brown rot and white rot</p>
Field(s) of use	<p>outdoor use</p> <p>Use class 2</p>
Application method(s)	<p>Method: open system: brush treatment</p> <p>Detailed description: The product will be applied by a brush or low pressure spray application.</p>
Application rate(s) and frequency	<p>Application Rate: 152.8-300 ml/m²</p> <p>Dilution (%): 0</p> <p>Number and timing of application:</p>

	<p>For curative treatment against wood boring beetles (Hylotrupes bajulus, Anobium punctatum, Lyctus brunneus): Apply at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (Hylotrupes bajulus): Apply at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against termites (Reticulitermes spp.): Apply at a rate of 200 ml/m²</p> <p>For a preventative treatment against wood rotting fungi (Basidiomycetes): Apply at a rate of 152.8 – 200 ml/m²</p>
Category(ies) of users	professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.2.1. Use-specific instructions for use

FOR USE ONLY BY PROFESSIONAL OPERATORS.

Wear a protective coverall (at least type 6, EN 13034), suitable protective gloves and eye/face protection when handling the concentrate or applying the product (glove material to be specified by the authorisation holder within the product information)

4.2.2. Use-specific risk mitigation measures

When UC 2 application takes place outdoors under a roof, soil/ground in the vicinity of timber to be treated must be protected with a tarpaulin or plastic sheeting) until treated surfaces are “dry” (i.e. they no longer drip).

Any waste should be disposed of safely in line with national waste management measures (product should be left to dry and any solids added to domestic waste for disposal at landfill).

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product must be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way. Treatment of timber must not take place over/near surface water bodies.

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

See 5.3

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

See 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

See 5.5

4.3. Use description 3

Table 3. Professional use - use class 3

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles

	<p>Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All</p> <p>Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot</p>
Field(s) of use	<p>outdoor use</p> <p>Use class 3</p>
Application method(s)	<p>Method: open system: brush treatment</p> <p>Detailed description: The product will be applied by a brush</p>
Application rate(s) and frequency	<p>Application Rate: 152.8-300 ml/m²</p> <p>Dilution (%): 0</p> <p>Number and timing of application: For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>): Apply at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Apply at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against termites (<i>Reticulitermes spp.</i>): Apply at a rate of 200 ml/m²</p> <p>For a preventative treatment against wood rotting fungi (<i>Basidiomycetes</i>): Apply at a rate of 152.8 – 200 ml/m²</p>
Category(ies) of users	professional
Pack sizes and packaging material	<p>1-25 litre HDPE container with squeeze lock cap</p> <p>1-25 litre steel container with berg plastic closure</p>

4.3.1. Use-specific instructions for use

FOR USE ONLY BY PROFESSIONAL OPERATORS.

Wear a protective coverall (at least type 6, EN 13034), suitable protective gloves and eye/face protection when handling the concentrate or applying the product (glove material to be specified by the authorisation holder within the product information)

4.3.2. Use-specific risk mitigation measures

For application by brush only, at a maximum active substance application rate of 2.25 g/m² propiconazole, 0.75 g/m² IPBC and 0.75 g/m² permethrin and only where a treatment system that includes an undercoat and non biocidal topcoat is employed.

Treatment of timber must not take place over/near surface water bodies

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

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

See 5.3

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

See 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

See 5.5

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 4

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage do not eat, drink or smoke.

Avoid breathing vapour or mist. Provide adequate ventilation.

Unprotected persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions.

Any product on skin should be washed off. Persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions. Treated surfaces should not be touched until dry.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer

Always read the label or leaflet before use and follow all the instructions provided.

Inform the registration holder if the treatment is ineffective.

5.2. Risk mitigation measures

Avoid contact with eyes

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Do not contaminate foodstuffs, eating utensils or food contact surfaces.

Avoid prolonged contact of pets, particularly cats, to treated surfaces.

May cause harm to bats. All bats are protected under the Wildlife and Countryside Act 1981. Before treating any structure used by bats, consult Natural England, Scottish Natural Heritage or the Countryside Council for Wales.

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

Pyrethroids and pyrethrins may cause paraesthesia (burning and prickling of the skin without irritation). If symptoms persist get medical advice.

This product contains Permethrin; Pyrethroids can cause facial paraesthesia

Poisoning may cause: Irritation or/and allergic skin reaction, irritation of eyes, mucosa, respiratory tract and gastrointestinal tract.

Basic First aid procedures:

IF ON SKIN: wash with soap and plenty of water, without rubbing.

IF IN EYES: remove contact lenses, rinse with plenty of water for at least 15 minutes.

IF SWALLOWED: do NOT induce vomiting.

If necessary attend hospital and show the label or packaging if possible. Do not leave poisoned person unattended.

For information or to report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166), retain the label for reference.

Collect spillage if safe to do so.

Treatment advice for doctors and medical personnel:

Symptomatic and support treatment.

IF MEDICAL ADVICE IS NEEDED, HAVE THE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166) for further advice.

Contain and collect spillage with a suitable absorbent and put into a labelled lockable container for disposal as hazardous waste.

Avoid accidental discharge into sewers, surface water or soil.

Soil contaminated by the product should be treated as hazardous waste.

In case of an accidental discharge of a large amount of the 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

Empty containers, unused product and other waste generated during treatment are considered hazardous waste.

Dispose of in accordance with local regulations. Do not release to soil, ground, surface water or sewers

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

Store in a cool, well ventilated area

Keep container tightly closed

The floor of the storage room must be impermeable to prevent the escape of liquid

Must only be kept in original packaging

Shelf life 2 years

6. OTHER INFORMATION

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Treated wood should not be intended for uses involving contact with food, feed or livestock.

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 4

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

Trade name(s)	Lignum Universal Wood Preserver	Market area: IE
	Larsen Construction Timber Preserver	Market area: IE
	Larsen Low Odour Universal Wood Preservative	Market area: IE
	Bond IT 3- in-1 Wood Treatment	Market area: IE
	Arc Universal Wood Preservative & Woodworm Killer	Market area: IE
	Cromar AlphaChem 3 in 1 Wood Preserver	Market area: IE
Authorisation number	IE-0020596-0004 1-4	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
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	0,269
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,253
Permethrin		active substance	52645-53-1	258-067-9	0,266
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	2

1. META SPC 5 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 5 identifier

Identifier	Meta SPC: Meta SPC 5 - RTU - Low Propi Product - Non-professional
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1.2. Suffix to the authorisation number

Number	1-5
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1.3. Product type(s)

Product type(s)	PT08: Wood preservatives
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2. META SPC 5 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 5

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
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	0,269 - 0,269 % (w/w)
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,253 - 0,253 % (w/w)
Permethrin		active substance	52645-53-1	258-067-9	0,266 - 0,266 % (w/w)
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	2 - 2 % (w/w)

2.2. Type(s) of formulation of the meta SPC 5

Formulation type(s)	ME Micro-emulsion
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 5

Hazard statements	<p>H319: Causes serious eye irritation.</p> <p>H400: Very toxic to aquatic life.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.</p>
Precautionary statements	<p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P103: Read carefully and follow all instructions.</p> <p>P264: Wash hands and exposed skin thoroughly after handling.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313: If eye irritation persists: Get medical attention.</p> <p>P391: Collect spillage.</p> <p>P501: Dispose of contents to to a licensed hazardous-waste disposal contractor or collection site.</p> <p>P501: Dispose of container to to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste..</p> <p>P273: Avoid release to the environment.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Non-professional use - use class 1

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All</p>
Field(s) of use	<p>indoor use</p> <p>Use class 1</p>
Application method(s)	<p>Method: open system: brush treatment</p> <p>Detailed description: The product will be applied by a brush or low pressure spray application.</p>
Application rate(s) and frequency	<p>Application Rate: 100-300 ml/m²</p> <p>Dilution (%): 0</p> <p>Number and timing of application: For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>): Apply at a rate of 300 ml/m² For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Apply at a rate of 100-200 ml/m² For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Apply at a rate of 200 ml/m² For a preventative treatment against termites (<i>Reticulitermes spp.</i>): Apply at a rate of 200 ml/m²</p>
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	<p>1-5 litre HDPE container with squeeze lock cap</p> <p>1-5 litre steel container with berg plastic closure</p>

4.1.1. Use-specific instructions for use

See 5.1

4.1.2. Use-specific risk mitigation measures

See 5.2

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 5.3

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

See 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

See 5.5

4.2. Use description 2

Table 2. Non-professional use - use class 2

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: wood boring beetles Development stage: larvae Scientific name: <i>Anobium punctatum</i> De Geer Common name: wood boring beetles Development stage: no data Scientific name: <i>Lyctus brunneus</i> Common name: wood boring beetles Development stage: no data Scientific name: <i>Reticulitermes</i> sp. Common name: termites Development stage: All Scientific name: Basidiomycetes: Basidiomycetes: Common name: Wood rotting fungi Development stage: Brown rot and white rot
Field(s) of use	outdoor use Use class 2
Application method(s)	Method: open system: brush treatment Detailed description: The product will be applied by a brush or low pressure spray application.
Application rate(s) and frequency	Application Rate: 152.8-300 ml/m ² Dilution (%): 0 Number and timing of application: For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>): Apply at a rate of 300 ml/m ²

	<p>For a preventative treatment against wood boring beetles (Hylotrupes bajulus): Apply at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against wood boring beetles (Anobium punctatum): Apply at a rate of 200 ml/m²</p> <p>For a preventative treatment against termites (Reticulitermes spp.): Apply at a rate of 200 ml/m²</p> <p>For a preventative treatment against wood rotting fungi (Basidiomycetes): Apply at a rate of 152.8 – 200 ml/m²</p>
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	1-5 litre HDPE container with squeeze lock cap 1-5 litre steel container with berg plastic closure

4.2.1. Use-specific instructions for use

See 5.1

4.2.2. Use-specific risk mitigation measures

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product must be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

Treatment of timber must not take place over/near surface water bodies.

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

See 5.3

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

See 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

See 5.5

4.3. Use description 3

Table 3. Non-professional use - use class 3

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	<p>Scientific name: Hylotrupes bajulus L. Common name: wood boring beetles Development stage: larvae</p> <p>Scientific name: Anobium punctatum De Geer Common name: wood boring beetles Development stage: no data</p> <p>Scientific name: Lyctus brunneus Common name: wood boring beetles Development stage: no data</p>

	<p>Scientific name: Reticulitermes sp. Common name: termites Development stage: All</p> <p>Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: Brown rot and white rot</p>
Field(s) of use	<p>outdoor use</p> <p>Use class 3</p>
Application method(s)	<p>Method: open system: brush treatment</p> <p>Detailed description: The product will be applied by a brush</p>
Application rate(s) and frequency	<p>Application Rate: 152.8-300 ml/m²</p> <p>Dilution (%): 0</p> <p>Number and timing of application: For curative treatment against wood boring beetles (Hylotrupes bajulus, Anobium punctatum, Lyctus brunneus): Apply at a rate of 300 ml/m²</p> <p>For a preventative treatment against wood boring beetles (Hylotrupes bajulus): Apply at a rate of 100-200 ml/m²</p> <p>For a preventative treatment against termites (Reticulitermes spp.): Apply at a rate of 200 ml/m²</p> <p>For a preventative treatment against wood rotting fungi (Basidiomycetes): Apply at a rate of 152.8 – 200 ml/m²</p>
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	<p>1-5 litre HDPE container with squeeze lock cap</p> <p>1-5 litre steel container with berg plastic closure</p>

4.3.1. Use-specific instructions for use

See 5.1

4.3.2. Use-specific risk mitigation measures

For application by brush only, at a maximum active substance application rate of 2.25 g/m² propiconazole, 0.75 g/m² IPBC and 0.75 g/m² permethrin and only where a treatment system that includes an undercoat and non biocidal topcoat is employed.

Treatment of timber must not take place over/near surface water bodies

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

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

See 5.3

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

See 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

See 5.5

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 5

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage do not eat, drink or smoke.

Avoid breathing vapour or mist. Provide adequate ventilation.

Unprotected persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions.

Any product on skin should be washed off. Persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions. Treated surfaces should not be touched until dry.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer

Always read the label or leaflet before use and follow all the instructions provided.

Inform the registration holder if the treatment is ineffective.

5.2. Risk mitigation measures

Avoid contact with eyes

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Do not contaminate foodstuffs, eating utensils or food contact surfaces.

Avoid prolonged contact of pets, particularly cats, to treated surfaces.

May cause harm to bats.

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

Pyrethroids and pyrethrins may cause paraesthesia (burning and prickling of the skin without irritation). If symptoms persist get medical advice.

This product contains Permethrin; Pyrethroids can cause facial paraesthesia

Poisoning may cause: Irritation or/and allergic skin reaction, irritation of eyes, mucosa, respiratory tract and gastrointestinal tract.

Basic First aid procedures:

IF ON SKIN: wash with soap and plenty of water, without rubbing.

IF IN EYES: remove contact lenses, rinse with plenty of water for at least 15 minutes.

IF SWALLOWED: do NOT induce vomiting.

If necessary attend hospital and show the label or packaging if possible. Do not leave poisoned person unattended.

Medical professionals should contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166) for further advice.

Collect spillage if safe to do so.

Treatment advice for doctors and medical personnel:

Symptomatic and support treatment.

IF MEDICAL ADVICE IS NEEDED, HAVE THE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166).

Contain and collect spillage with a suitable absorbent and put into a securely sealed, leak-proof container. Label container for disposal as hazardous waste.

Avoid accidental discharge into sewers, surface water or soil.

Soil contaminated by the product should be treated as hazardous waste.

In case of an accidental discharge of the 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

Empty containers, unused product and other waste generated during treatment are considered hazardous waste.

Dispose of in accordance with local regulations. Do not release to soil, ground, surface water or sewers

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

Store in a cool, well ventilated area

Keep container tightly closed

The floor of the storage room must be impermeable to prevent the escape of liquid

Must only be kept in original packaging

Shelf life 2 years

6. OTHER INFORMATION

Do not use on wood which may come into direct contact with food, feeding stuffs and livestock animals.

Treated wood should not be intended for uses involving contact with food, feed or livestock.

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 5

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

Trade name(s)	-	Market area: IE
Authorisation number	IE-0020596-0005 1-5	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
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	0,269
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,253
Permethrin		active substance	52645-53-1	258-067-9	0,266
Neodol 91.5	Alcohols, C9-C11, ethoxylated	Non-active substance	68439-46-3	614-482-0	2