

Summary of product characteristics for a biocidal product family

Family name: Lignum Dual Purpose Product Family

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

Authorisation number: IE/BPA 70493

R4BP 3 asset reference number: IE-0020596-0000

Table Of Contents

| | |
|---|---|
| Part I.- First information level | 1 |
| 1. Administrative information | 1 |
| 1.1. Family name | 1 |
| 1.2. Product type(s) | 1 |
| 1.3. Authorisation holder | 1 |
| 1.4. Manufacturer(s) of the biocidal products | 1 |
| 1.5. Manufacturer(s) of the active substance(s) | 2 |
| 2. Product family composition and formulation | 2 |
| 2.1. Qualitative and quantitative information on the composition of the family | 2 |
| 2.2. Type of formulation | 3 |
| Part II.- Second information level - meta SPC(s) | 3 |
| 1. Meta SPC administrative information | 3 |
| 1.1. Meta SPC identifier - Meta SPC 1 - Lignum Pro D156 - concentrate | 3 |
| 1.2. Suffix to the authorisation number | 3 |
| 1.3 Product type(s) | 3 |
| 2. Meta SPC composition | 3 |
| 2.1. Qualitative and quantitative information on the composition of the meta SPC | 3 |
| 2.2. Type(s) of formulation of the meta SPC | 4 |
| 3. Hazard and precautionary statements of the meta SPC | 4 |
| 4. Authorised use(s) of the meta SPC | 5 |
| 4.1.1 Use-specific instructions for use | 6 |
| 4.1.2 Use-specific risk mitigation measures | 6 |
| 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 | 6 |
| 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 6 |
| 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 7 |
| 4.2.1 Use-specific instructions for use | 8 |
| 4.2.2 Use-specific risk mitigation measures | 8 |

| | |
|---|----|
| 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 | 8 |
| 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 9 |
| 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 9 |
| 4.3.1 Use-specific instructions for use | 10 |
| 4.3.2 Use-specific risk mitigation measures | 10 |
| 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 | 10 |
| 4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 11 |
| 4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 11 |
| 4.4.1 Use-specific instructions for use | 12 |
| 4.4.2 Use-specific risk mitigation measures | 12 |
| 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 | 12 |
| 4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 12 |
| 4.4.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 12 |
| 4.5.1 Use-specific instructions for use | 13 |
| 4.5.1 Use-specific instructions for use | 14 |
| 4.5.2 Use-specific risk mitigation measures | 14 |
| 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 | 14 |
| 4.5.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 14 |
| 4.5.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 14 |
| 4.6.1 Use-specific instructions for use | 15 |
| 4.6.2 Use-specific risk mitigation measures | 15 |
| 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 | 16 |
| 4.6.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 16 |
| 4.6.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 16 |
| 5. General directions for use of the meta SPC | 16 |
| 5.1. Instructions for use | 16 |
| 5.2. Risk mitigation measures | 16 |
| 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment | 17 |
| 5.4. Instructions for safe disposal of the product and its packaging | 17 |

| | |
|---|----|
| 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage | 17 |
| 6. Other information | 18 |
| 7. Third information level: individual products in the meta SPC | 18 |
| 7.1 Trade name(s), authorisation number and specific composition of each individual product | 18 |
| 1. Meta SPC administrative information | 18 |
| 1.1. Meta SPC identifier - Meta SPC 2 – RTU - Lignum Universal Wood Preserver | 18 |
| 1.2. Suffix to the authorisation number | 19 |
| 1.3 Product type(s) | 19 |
| 2. Meta SPC composition | 19 |
| 2.1. Qualitative and quantitative information on the composition of the meta SPC | 19 |
| 2.2. Type(s) of formulation of the meta SPC | 19 |
| 3. Hazard and precautionary statements of the meta SPC | 19 |
| 4. Authorised use(s) of the meta SPC | 20 |
| 4.1.1 Use-specific instructions for use | 21 |
| 4.1.2 Use-specific risk mitigation measures | 21 |
| 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 | 22 |
| 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 22 |
| 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 22 |
| 4.2.1 Use-specific instructions for use | 23 |
| 4.2.2 Use-specific risk mitigation measures | 23 |
| 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 | 24 |
| 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 24 |
| 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 24 |
| 4.3.1 Use-specific instructions for use | 25 |
| 4.3.2 Use-specific risk mitigation measures | 26 |
| 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 | 26 |
| 4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 26 |
| 4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 26 |
| 5. General directions for use of the meta SPC | 26 |

| | |
|---|----|
| 5.1. Instructions for use | 26 |
| 5.2. Risk mitigation measures | 26 |
| 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment | 27 |
| 5.4. Instructions for safe disposal of the product and its packaging | 27 |
| 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage | 27 |
| 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage | 28 |
| 6. Other information | 28 |
| 7. Third information level: individual products in the meta SPC | 28 |
| 7.1 Trade name(s), authorisation number and specific composition of each individual product | 28 |
| 1. Meta SPC administrative information | 29 |
| 1.1. Meta SPC identifier - Meta SPC 3 – RTU - Lignum Wood Preserver | 29 |
| 1.2. Suffix to the authorisation number | 29 |
| 1.3 Product type(s) | 29 |
| 2. Meta SPC composition | 29 |
| 2.1. Qualitative and quantitative information on the composition of the meta SPC | 29 |
| 2.2. Type(s) of formulation of the meta SPC | 30 |
| 3. Hazard and precautionary statements of the meta SPC | 30 |
| 4. Authorised use(s) of the meta SPC | 30 |
| 4.1.1 Use-specific instructions for use | 31 |
| 4.1.2 Use-specific risk mitigation measures | 32 |
| 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 | 32 |
| 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 32 |
| 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 32 |
| 4.2.1 Use-specific instructions for use | 33 |
| 4.2.2 Use-specific risk mitigation measures | 33 |
| 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 | 34 |
| 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 34 |
| 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 34 |
| 4.3.1 Use-specific instructions for use | 35 |

| | |
|---|----|
| 4.3.2 Use-specific risk mitigation measures | 35 |
| 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 | 35 |
| 4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 36 |
| 4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 36 |
| 5. General directions for use of the meta SPC | 36 |
| 5.1. Instructions for use | 36 |
| 5.2. Risk mitigation measures | 36 |
| 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment | 36 |
| 5.4. Instructions for safe disposal of the product and its packaging | 37 |
| 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage | 37 |
| 6. Other information | 37 |
| 7. Third information level: individual products in the meta SPC | 38 |
| 7.1 Trade name(s), authorisation number and specific composition of each individual product | 38 |
| 1.Meta SPC administrative information | 38 |
| 1.1. Meta SPC identifier - Meta SPC 4 - RTU - Low Propi Product - Professional | 38 |
| 1.2. Suffix to the authorisation number | 38 |
| 1.3 Product type(s) | 39 |
| 2. Meta SPC composition | 39 |
| 2.1.Qualitative and quantitative information on the composition of the meta SPC | 39 |
| 2.2. Type(s) of formulation of the meta SPC | 39 |
| 3. Hazard and precautionary statements of the meta SPC | 39 |
| 4. Authorised use(s) of the meta SPC | 40 |
| 4.1.1 Use-specific instructions for use | 41 |
| 4.1.2 Use-specific risk mitigation measures | 41 |
| 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 | 42 |
| 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 42 |
| 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 42 |
| 4.2.1 Use-specific instructions for use | 43 |
| 4.2.2 Use-specific risk mitigation measures | 43 |

| | |
|---|----|
| 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 | 44 |
| 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 44 |
| 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 44 |
| 4.3.1 Use-specific instructions for use | 45 |
| 4.3.2 Use-specific risk mitigation measures | 46 |
| 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 | 46 |
| 4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 46 |
| 4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 46 |
| 5. General directions for use of the meta SPC | 46 |
| 5.1. Instructions for use | 46 |
| 5.2. Risk mitigation measures | 47 |
| 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment | 47 |
| 5.4. Instructions for safe disposal of the product and its packaging | 47 |
| 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage | 47 |
| 6. Other information | 48 |
| 7. Third information level: individual products in the meta SPC | 48 |
| 7.1 Trade name(s), authorisation number and specific composition of each individual product | 48 |
| 1. Meta SPC administrative information | 49 |
| 1.1. Meta SPC identifier - Meta SPC 5 - RTU - Low Propi Product - Non-professional | 49 |
| 1.2. Suffix to the authorisation number | 49 |
| 1.3 Product type(s) | 49 |
| 2. Meta SPC composition | 50 |
| 2.1. Qualitative and quantitative information on the composition of the meta SPC | 50 |
| 2.2. Type(s) of formulation of the meta SPC | 50 |
| 3. Hazard and precautionary statements of the meta SPC | 50 |
| 4. Authorised use(s) of the meta SPC | 51 |
| 4.1.1 Use-specific instructions for use | 52 |
| 4.1.2 Use-specific risk mitigation measures | 52 |
| 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 | 52 |

| | |
|---|----|
| 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 52 |
| 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 52 |
| 4.2.1 Use-specific instructions for use | 54 |
| 4.2.2 Use-specific risk mitigation measures | 54 |
| 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 | 54 |
| 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 54 |
| 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 54 |
| 4.3.1 Use-specific instructions for use | 56 |
| 4.3.2 Use-specific risk mitigation measures | 56 |
| 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 | 56 |
| 4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging | 56 |
| 4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage | 56 |
| 5. General directions for use of the meta SPC | 57 |
| 5.1. Instructions for use | 57 |
| 5.2. Risk mitigation measures | 57 |
| 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment | 57 |
| 5.4. Instructions for safe disposal of the product and its packaging | 58 |
| 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage | 58 |
| 6. Other information | 58 |
| 7. Third information level: individual products in the meta SPC | 58 |
| 7.1 Trade name(s), authorisation number and specific composition of each individual product | 58 |

Part I.- First information level

1. Administrative information

1.1. Family name

Lignum Dual Purpose Product Family

1.2. Product type(s)

PT08 - Wood preservatives (Preservatives)

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

R4BP 3 asset reference number

IE-0020596-0000

Date of the authorisation

25/03/2019

Expiry date of the authorisation

25/03/2024

1.4. Manufacturer(s) of the biocidal products

Name of the manufacturer

Enviroquest GPT Limited

Address of the manufacturer

Unit E8/E9 DE21 6XE Derby United Kingdom

Location of manufacturing sites

Unit E8/E9 DE21 6XE Derby United Kingdom

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

| | |
|--|--|
| Active substance | 1342 - Permethrin |
| Name of the manufacturer | Caldic Denmark A/S (Acting for Tagros Chemicals India Ltd.) |
| Address of the 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 |
| Active substance | 39 - 3-iodo-2-propynylbutylcarbamate (IPBC) |
| Name of the manufacturer | Troy Chemical Company |
| Address of the manufacturer | Uiverlaan 12e P.O. Box 132 AC Maassluis Netherlands |
| Location of manufacturing sites | 8 Vreeland Road P.O. Box 955, Florham Park 07932 New Jersey New Jersey United States |
| Active substance | 48 - 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole) |
| Name of the manufacturer | Janssen PMP |
| Address of the 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 |

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 | Active Substance | 60207-90-1 | 262-104-4 | 0.269 - 9.075 |
| | 3-iodo-2-propynylbutylcarbamate (IPBC) | Active Substance | 55406-53-6 | 259-627-5 | 0.127 - 2.994 |
| Permethrin | | Active Substance | 52645-53-1 | 258-067-9 | 0.133 - 3.155 |
| Neodol 91.5 | Alcohols, C9-C11, ethoxylated | | 68439-46-3 | 614-482-0 | 1 - 25 |

2.2. Type(s) of formulation

ME - Micro-emulsion

Part II.- Second information level - meta SPC(s)

1. Meta SPC administrative information

1.1. Meta SPC identifier

Meta SPC 1 - Lignum Pro D156 - concentrate

1.2. Suffix to the authorisation number

1-1

1.3 Product type(s)

PT08 - Wood preservatives (Preservatives)

2. Meta SPC composition

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

| 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 | | Active Substance | 60207-90-1 | 262-104-4 | 9.075 - 9.075 |
| 3-iodo-2-propynylbutylcarbamate (IPBC) | | Active Substance | 55406-53-6 | 259-627-5 | 2.994 - 2.994 |
| Permethrin | | Active Substance | 52645-53-1 | 258-067-9 | 3.155 - 3.155 |
| Neodol 91.5 | Alcohols, C9-C11, ethoxylated | | 68439-46-3 | 614-482-0 | 25 - 25 |

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

Formulation(s)

ME - Micro-emulsion

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Causes serious eye damage.
May cause an allergic skin reaction.
May cause damage to organs larynx through prolonged or repeated exposure larynx.
May damage the unborn child.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Contains Contains 3-Iodo-2-Propynyl-N-Butyl Carbamate (IPBC), Propiconazole, Permethrin and 1,2-benzisothiazol-3(2H)-one.. May produce an allergic reaction.
Harmful if swallowed.

Precautionary statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe vapours.
Avoid breathing vapours.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves.
Wear protective clothing.
Wear eye protection.
Wear face protection.
IF ON SKIN:Wash with plenty of water.
IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned:Get medical attention.
Specific treatment (see first aid instructions on this label).
Take off contaminated clothing.And wash it before reuse.
Collect spillage.

Store locked up.

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

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..

Wash hands thoroughly after handling.

Do no eat, drink or smoke when using this product.

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

Rinse mouth.

4. Authorised use(s) of the meta SPC

4.1 Use description

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

| | |
|---|---|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Anobium punctatum De Geer-Wood boring beetles Lyctus brunneus-Wood boring beetles Reticulitermes sp.-TermitesAll |
| Field(s) of use | Indoor Use class 1 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush or low pressure spray application. |
| Application rate(s) and frequencies | 100-300 ml/m ² - Dilute 1 litre of product with 11.5 litres of water (8%) - For curative treatment against wood boring beetles (Hylotrupes bajulus, Anobium punctatum, Lyctus brunneus): |

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

For a preventative treatment against wood boring beetles (*Hylotrupes bajulus*):

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

For a preventative treatment against wood boring beetles (*Anobium punctatum*):

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

For a preventative treatment against termites (*Reticulitermes* spp.) :

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

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

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

| | |
|---|---|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Anobium punctatum De Geer-Wood boring beetles Lyctus brunneus-Wood boring beetles Reticulitermes sp.-TermitesAll Basidiomycetes:-Wood rotting fungiBrown rot and white rot wood discolouring fungi-wood discolouring fungiAll |
| Field(s) of use | Outdoor Use class 2 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush or low pressure spray application. |
| Application rate(s) and frequencies | 107-300 ml/m2 - Dilute 1 litre of product with 11.5 litres of water (8%) - 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 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

For a preventative treatment against wood boring beetles (*Anobium punctatum*):
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

For a preventative treatment against termites (*Reticulitermes* spp) :
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

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

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

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

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

| | |
|---|--|
| Product type | PT08 - Wood preservatives (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>Hylotrupes bajulus L.-Wood boring beetles-Larvae</p> <p>Anobium punctatum De Geer-Wood boring beetles</p> <p>Lyctus brunneus-Wood boring beetles</p> <p>Reticulitermes sp.-TermitesAll</p> <p>Basidiomycetes:-Wood rotting fungiBrown rot and white rot</p> <p>Wood discolouring fungi-Wood discolouring fungiAll</p> |
| Field(s) of use | <p>Outdoor</p> <p>Use class 3</p> |
| Application method(s) | <p>Open system: brush treatment -</p> <p>The product will be applied by a brush</p> |
| Application rate(s) and frequencies | 107-300 ml/m ² - Dilute 1 litre of product with 11.5 litres of water (8%) - |

For curative treatment against wood boring beetles (*Hylotrupes bajulus*, *Anobium punctatum*, *Lyctus brunneus*) :
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

For a preventative treatment against wood boring beetles (*Hylotrupes bajulus*) :
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

For a preventative treatment against termites (*Reticulitermes* spp) . :
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

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

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

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

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

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative for application to soft and hardwood

Target organism(s) (including development stage)

Hylotrupes bajulus L.-Wood boring beetles-Larvae

Field(s) of use

Indoor

Use class 1

Application method(s)

Open system: brush treatment -

The product will be applied by a brush or low pressure spray application.

Application rate(s) and frequencies

200 ml/m² - Dilute 1 litre of product with 24 litres of water (4%) -

For pre treatment against wood boring beetles (*Hylotrupes bajulus*):
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/m²

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

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

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative
for application to soft and hardwood

Target organism(s) (including development stage)

Hylotrupes bajulus L.-Wood boring beetles-Larvae
Basidiomycetes:-Wood rotting fungiBrown rot and white rot

Field(s) of use

Outdoor
Use class 2

Application method(s)

Open system: brush treatment -
The product will be applied by a brush or low pressure spray application.

Application rate(s) and frequencies

200-214 ml/m² - Dilute 1 litre of product with 24 litres of water (4%) -

For a preventative treatment against wood boring beetles (*hylotrupes bajulus*):
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/m²

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/m²

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

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

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

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative for application to soft and hardwood

| | |
|---|---|
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Basidiomycetes:-Wood rotting fungiBrown rot and white rot |
| Field(s) of use | Outdoor Use class 3 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush |
| Application rate(s) and frequencies | 200-214 ml/m ² - Dilute 1 litre of product with 24 litres of water (4%) - 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

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage to 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 overall (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

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

| | |
|--|---------------------|
| Trade name(s) | Lignum Pro D156 |
| Authorisation number <small>(R4BP 3 asset reference number - National Authorisation)</small> | 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 | | 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 | | 68439-46-3 | 614-482-0 | 25 |

1. Meta SPC administrative information

1.1. Meta SPC identifier

Meta SPC 2 – RTU - Lignum Universal Wood Preserver

1.2. Suffix to the authorisation number

1-2

1.3 Product type(s)

PT08 - Wood preservatives (Preservatives)

2. Meta SPC composition

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

| 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 | | Active Substance | 60207-90-1 | 262-104-4 | 0.766 - 0.766 |
| 3-iodo-2-propynylbutylcarbamate (IPBC) | | Active Substance | 55406-53-6 | 259-627-5 | 0.253 - 0.253 |
| Permethrin | | Active Substance | 52645-53-1 | 258-067-9 | 0.266 - 0.266 |
| Neodol 91.5 | Alcohols, C9-C11, ethoxylated | | 68439-46-3 | 614-482-0 | 2 - 2 |

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

Formulation(s)

ME - Micro-emulsion

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Causes serious eye irritation.
May damage the unborn child.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Contains Contains 3-Iodo-2-Propynyl-N-Butyl Carbamate (IPBC), Propiconazole, Permethrin and 1,2-benzisothiazol-3(2H)-one.. May produce an allergic reaction.

Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash hands and exposed skin thoroughly after handling.

Wear protective gloves.

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

IF exposed or concerned: Get medical attention.

If eye irritation persists: Get medical attention.

Collect spillage.

Store locked up.

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

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..

Avoid release to the environment.

Wear protective clothing.

Wear eye protection.

Wear face protection.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Professional use - use class 1

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative
for application to soft and hardwood

Target organism(s) (including development stage)

Hylotrupes bajulus L.-Wood boring beetles-Larvae
Anobium punctatum De Geer-Wood boring beetles
Lyctus brunneus-Wood boring beetles
Reticulitermes sp.-TermitesAll

| | |
|--|--|
| Field(s) of use | Indoor Use class 1 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush or low pressure spray application. |
| Application rate(s) and frequencies | 100-300 ml/m ² - 0 - 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/m ² For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Apply product at a rate of 100-200 ml/m ² For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Apply at a rate of 200 ml/m ² For a preventative treatment against termites (<i>Reticulitermes</i> spp.): 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

Use 2 - Professional use - use class 2

| | |
|---|---|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Anobium punctatum De Geer-Wood boring beetles Lyctus brunneus-Wood boring beetles Reticulitermes sp.-TermitesAll Basidiomycetes:-Wood rotting fungiBrown rot and white rot wood discolouring funigi-wood discolouring funigiAll |
| Field(s) of use | Outdoor Use class 2 Open system: brush treatment - |

Application method(s)

The product will be applied by a brush or low pressure spray application.

Application rate(s) and frequencies

107-300 ml/m² - 0 -

For curative treatment against wood boring beetles (*Hylotrupes bajulus*, *Anobium punctatum*, *Lyctus brunneus*) :

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

For a preventative treatment against wood boring beetles (*Hylotrupes bajulus*) :

Apply product at a rate of 100-200 ml/m²

For a preventative treatment against wood boring beetles (*Anobium punctatum*):

Apply at a rate of 200 ml/m²

For a preventative treatment against termites (*Reticulitermes* spp.) :

Apply product at a rate of 200 ml/m²

For a preventative treatment against wood rotting fungi (Basidiomycetes) :

Apply product at a rate of 107 – 200 ml/m²

For a preventative treatment against wood discolouring fungi:

Apply product at a rate of 200 ml/m²

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

Use 3 - Professional use - use class 3

| | |
|---|---|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Anobium punctatum De Geer-Wood boring beetles Lyctus brunneus-Wood boring beetles Reticulitermes sp.-TermitesAll Basidiomycetes:-Wood rotting fungiBrown rot and white rot |

| | |
|--|--|
| | Wood discolouring fungi-Wood discolouring fungiAll |
| Field(s) of use | Outdoor Use class 3 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush |
| Application rate(s) and frequencies | 107-300 ml/m ² - 0 - 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/m ² For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Apply product at a rate of 100-200 ml/m ² For a preventative treatment against termites (<i>Reticulitermes</i> spp.) : 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 107 – 200 ml/m ² 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

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage to 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

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

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

Trade name(s)

Lignum Universal Wood Preserver

Authorisation number

IE-0020596-0002 1-2

(R4BP 3 asset reference number - National Authorisation)

| 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 | | 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 | | 68439-46-3 | 614-482-0 | 2 |

1. Meta SPC administrative information

1.1. Meta SPC identifier

Meta SPC 3 – RTU - Lignum Wood Preserver

1.2. Suffix to the authorisation number

1-3

1.3 Product type(s)

PT08 - Wood preservatives (Preservatives)

2. Meta SPC composition

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

| 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 | | Active Substance | 60207-90-1 | 262-104-4 | 0.383 - 0.383 |
| 3-iodo-2-propynylbutylcarbamate (IPBC) | | Active Substance | 55406-53-6 | 259-627-5 | 0.127 - 0.127 |
| Permethrin | | Active Substance | 52645-53-1 | 258-067-9 | 0.133 - 0.133 |
| Neodol 91.5 | Alcohols, C9-C11, ethoxylated | | 68439-46-3 | 614-482-0 | 1 - 1 |

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

Formulation(s)

ME - Micro-emulsion

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Causes serious eye irritation.

May damage the unborn child.

Contains Contains 3-Iodo-2-Propynyl-N-Butyl Carbamate (IPBC), Propiconazole, Permethrin and 1,2-benzisothiazol-3(2H)-one.. May produce an allergic reaction.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash hands and exposed skin thoroughly after handling.

Wear protective gloves.

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

IF exposed or concerned:Get medical attention.

If eye irritation persists:Get medical attention.

Collect spillage.

Store locked up.

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

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..

Avoid release to the environment.

Wear protective clothing.

Wear eye protection.

Wear face protection.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Professional use - use class 1

| | |
|---|---|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae |
| Field(s) of use | Indoor Use class 1 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush or low pressure spray application. |
| Application rate(s) and frequencies | 200 ml/m ² - 0 - 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

Use 2 - Professional use - use class 2

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative
for application to soft and hardwood

Target organism(s) (including development stage)

Hylotrupes bajulus L.-Wood boring beetles-Larvae
Basidiomycetes:-Wood rotting fungiBrown rot and white rot

Field(s) of use

Outdoor
Use class 2

| | |
|--|---|
| Application method(s) | <p>Open system: brush treatment -</p> <p>The product will be applied by a brush or low pressure spray application.</p> |
| Application rate(s) and frequencies | <p>200-214 ml/m² - 0 -</p> <p>For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): 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 214 ml/m²</p> |
| Category(ies) of users | <p>Professional</p> |
| 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> |

4.2.1 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

Use 3 - Professional use - use class 3

| | |
|---|---|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Basidiomycetes:-Wood rotting fungiBrown rot and white rot |
| Field(s) of use | Outdoor Use class 3 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush |

Application rate(s) and frequencies

200-214 ml/m² - 0 -

For a preventative treatment against wood boring beetles (*Hylotrupes bajulus*):
Apply product at a rate of 200 ml/m²

For a preventative treatment against wood rotting fungi (Basidiomycetes):
Apply product at a rate of 214 ml/m²

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

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage to 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 overall (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

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

| | |
|--|-----------------------|
| Trade name(s) | Lignum Wood Preserver |
| Authorisation number <small>(R4BP 3 asset reference number - National Authorisation)</small> | 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 | | 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 | | 68439-46-3 | 614-482-0 | 1 |

1. Meta SPC administrative information

1.1. Meta SPC identifier

Meta SPC 4 - RTU - Low Propi Product - Professional

1.2. Suffix to the authorisation number

1-4

1.3 Product type(s)

PT08 - Wood preservatives (Preservatives)

2. Meta SPC composition

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

| 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 | Active Substance | 60207-90-1 | 262-104-4 | 0.269 - 0.269 |
| | 3-iodo-2-propynylbutylcarbamate (IPBC) | Active Substance | 55406-53-6 | 259-627-5 | 0.253 - 0.253 |
| Permethrin | | Active Substance | 52645-53-1 | 258-067-9 | 0.266 - 0.266 |
| Neodol 91.5 | Alcohols, C9-C11, ethoxylated | | 68439-46-3 | 614-482-0 | 2 - 2 |

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

Formulation(s)

ME - Micro-emulsion

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Causes serious eye irritation.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Contains IPBC, permethrin, propiconazole and 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instructions.
Wash hands and exposed skin thoroughly after handling.

Wear protective gloves.

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

If eye irritation persists: Get medical attention.

Collect spillage.

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

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..

Avoid release to the environment.

Wear protective clothing.

Wear eye protection.

Wear face protection.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Professional use - use class 1

| | |
|---|--|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Anobium punctatum De Geer-Wood boring beetles Lyctus brunneus-Wood boring beetles Reticulitermes sp.-TermitesAll |
| Field(s) of use | Indoor Use class 1 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush or low pressure spray application. |

Application rate(s) and frequencies

100-300 ml/m² - 0 -

For curative treatment against wood boring beetles (*Hylotrupes bajulus*, *Anobium punctatum*, *Lyctus brunneus*) :
Apply at a rate of 300 ml/m²

For a preventative treatment against wood boring beetles (*Hylotrupes bajulus*) :
Apply at a rate of 100-200 ml/m²

For a preventative treatment against wood boring beetles (*Anobium punctatum*) :
Apply at a rate of 200 ml/m²

For a preventative treatment against termites (*Reticulitermes* spp.) :
Apply at a rate of 200 ml/m²

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.

UK Only: 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)

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

Use 2 - Professional use - use class 2

| | |
|---|---|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Anobium punctatum De Geer-Wood boring beetles Lyctus brunneus-Wood boring beetles Reticulitermes sp.-TermitesAll Basidiomycetes:-Wood rotting fungiBrown rot and white rot |
| Field(s) of use | Outdoor Use class 2 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush or low pressure spray application. |

Application rate(s) and frequencies

152.8-300 ml/m² - 0 -
For curative treatment against wood boring beetles (*Hylotrupes bajulus*, *Anobium punctatum*, *Lyctus brunneus*):

Apply at a rate of 300 ml/m²

For a preventative treatment against wood boring beetles (*Hylotrupes bajulus*):

Apply at a rate of 100-200 ml/m²

For a preventative treatment against termites (*Reticulitermes spp.*):

Apply at a rate of 200 ml/m²

For a preventative treatment against wood rotting fungi (*Basidiomycetes*):

Apply at a rate of 152.8 – 200 ml/m²

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.

UK Only: 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)

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

Use 3 - Professional use - use class 3

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative
 for application to soft and hardwood

Target organism(s) (including development stage)

Hylotrupes bajulus L.-Wood boring beetles-Larvae
 Anobium punctatum De Geer-Wood boring beetles
 Lyctus brunneus-Wood boring beetles
 Reticulitermes sp.-TermitesAll
 Basidiomycetes:-Wood rotting fungiBrown rot and white rot

Field(s) of use

| | |
|--|--|
| Application method(s) | Outdoor |
| | Use class 3 |
| | Open system: brush treatment - The product will be applied by a brush |
| Application rate(s) and frequencies | 152.8-300 ml/m ² - 0 - 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 For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Apply at a rate of 100-200 ml/m ² For a preventative treatment against termites (<i>Reticulitermes spp.</i>) : Apply at a rate of 200 ml/m ² For a preventative treatment against wood rotting fungi (<i>Basidiomycetes</i>) : Apply at a rate of 152.8 – 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

FOR USE ONLY BY PROFESSIONAL OPERATORS.

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

Wear a protective overall (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

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage to 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 pricking 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.

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

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

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

Trade name(s)

Lignum Universal Wood Preserver
Everbuild Triple Action Wood Treatment
Everbuild Wood Preserver
Ronseal Total Clear Wood Preserver
Ronseal Multi-Purpose Wood Treatment
Sika Wood Preserver
Sika Universal 5 Star Wood Preserver
Rustins Advanced Wood Preserver
Bondex Preserve II
Larsen Construction Timber Preserver
Ronseal Multi-Purpose Wood Treatment
Barrettine Dual Purpose Preserver
Larsen Low Odour Universal Wood Preservative
Lignum Wood Preserver
Johnstone's Woodcare Wood Preserver
Johnstone's Trade Woodworks All Purpose Preserver
Bond IT 3-in-1 Wood Treatment
Cuprinol 5 Star Complete Wood Treatment (BP)

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

Cuprinol 5 Star Total Wood Treatment

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 | | 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 | | 68439-46-3 | 614-482-0 | 2 |

1. Meta SPC administrative information**1.1. Meta SPC identifier**

Meta SPC 5 - RTU - Low Propi Product - Non-professional

1.2. Suffix to the authorisation number

1-5

1.3 Product type(s)

PT08 - Wood preservatives (Preservatives)

2. Meta SPC composition

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

| 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 | | Active Substance | 60207-90-1 | 262-104-4 | 0.269 - 0.269 |
| 3-iodo-2-propynylbutylcarbamate (IPBC) | | Active Substance | 55406-53-6 | 259-627-5 | 0.253 - 0.253 |
| Permethrin | | Active Substance | 52645-53-1 | 258-067-9 | 0.266 - 0.266 |
| Neodol 91.5 | Alcohols, C9-C11, ethoxylated | | 68439-46-3 | 614-482-0 | 2 - 2 |

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

Formulation(s)

ME - Micro-emulsion

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Causes serious eye irritation.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Contains IPBC, permethrin, propiconazole and 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instructions.
Wash hands and exposed skin thoroughly after handling.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.
Collect spillage.
Dispose of contents to a licensed hazardous-waste disposal contractor or collection site.

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..

Avoid release to the environment.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Non-professional use - use class 1

| | |
|---|--|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Anobium punctatum De Geer-Wood boring beetles Lyctus brunneus-Wood boring beetles Reticulitermes sp.-TermitesAll |
| Field(s) of use | Indoor Use class 1 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush or low pressure spray application. |
| Application rate(s) and frequencies | 100-300 ml/m ² - 0 - 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 For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Apply at a rate of 100-200 ml/m ² For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Apply at a rate of 200 ml/m ² For a preventative treatment against termites (<i>Reticulitermes spp.</i>) : |

| | |
|--|---|
| | Apply at a rate of 200 ml/m ² |
| 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 |

4.1.1 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

Use 2 - Non-professional use - use class 2

| | |
|---|--|
| Product type | PT08 - Wood preservatives (Preservatives) |
| Where relevant, an exact description of the authorised use | Wood preservative for application to soft and hardwood |
| Target organism(s) (including development stage) | Hylotrupes bajulus L.-Wood boring beetles-Larvae Anobium punctatum De Geer-Wood boring beetles Lyctus brunneus-Wood boring beetles Reticulitermes sp.-TermitesAll Basidiomycetes:-Wood rotting fungiBrown rot and white rot |
| Field(s) of use | Outdoor Use class 2 |
| Application method(s) | Open system: brush treatment - The product will be applied by a brush or low pressure spray application. |
| Application rate(s) and frequencies | 152.8-300 ml/m ² - 0 - 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 For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Apply at a rate of 100-200 ml/m ² For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Apply at a rate of 200 ml/m ² For a preventative treatment against termites (<i>Reticulitermes spp.</i>) : Apply at a rate of 200 ml/m ² |

| | |
|---|---|
| | <p>For a preventative treatment against wood rotting fungi (Basidiomycetes) :</p> <p>Apply at a rate of 152.8 – 200 ml/m²</p> |
| <p>Category(ies) of users</p> | <p>General public (non-professional)</p> |
| <p>Pack sizes and packaging material</p> | <p>1-5 litre HDPE container with squeeze lock cap</p> <p>1-5 litre steel container with berg plastic closure</p> |

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

Use 3 - Non-professional use - use class 3

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative
for application to soft and hardwood

Target organism(s) (including development stage)

Hylotrupes bajulus L.-Wood boring beetles-Larvae
Anobium punctatum De Geer-Wood boring beetles
Lyctus brunneus-Wood boring beetles
Reticulitermes sp.-TermitesAll
Basidiomycetes:-Wood rotting fungiBrown rot and white rot

Field(s) of use

Outdoor
Use class 3

Application method(s)

Open system: brush treatment -
The product will be applied by a brush

Application rate(s) and frequencies

152.8-300 ml/m² - 0 -
For curative treatment against wood boring beetles (*Hylotrupes bajulus*, *Anobium punctatum*, *Lyctus brunneus*) :
Apply at a rate of 300 ml/m²
For a preventative treatment against wood boring beetles (*Hylotrupes bajulus*) :
Apply at a rate of 100-200 ml/m²
For a preventative treatment against termites (*Reticulitermes* spp.) :
Apply at a rate of 200 ml/m²
For a preventative treatment against wood rotting fungi (*Basidiomycetes*) :

| | |
|--|---|
| | Apply at a rate of 152.8 – 200 ml/m ² |
| 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 |

4.3.1 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

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage to 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

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

Trade name(s)

Lignum Universal Wood Preserver

Everbuild Triple Action Wood Treatment

Everbuild Wood Preserver

Ronseal Total Clear Wood Preserver

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

Ronseal Multi-Purpose Wood Treatment
Sika Wood Preserver
Sika Universal 5 Star Wood Preserver
Rustins Advanced Wood Preserver
Bondex Preserve II
Larsen Construction Timber Preserver
Ronseal Multi-Purpose Wood Treatment
Barrettine Dual Purpose Preserver
Larsen Low Odour Universal Wood Preservative
Lignum Wood Preserver
Johnstone's Woodcare Wood Preserver
Johnstone's Trade Woodworks All Purpose Preserver
Bond IT 3-in-1 Wood Treatment
Cuprinol 5 Star Complete Wood Treatment (BP)
Cuprinol 5 Star Total Wood Treatment

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 | 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 | | 68439-46-3 | 614-482-0 | 2 |

