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*ANNEX*

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

Lignum Woodworm Killer PF

**Product type(s)**

PT08: Wood preservatives

**Authorisation number** IE/BPA 70492

**R4BP asset number** IE-0020583-0000

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I. FIRST INFORMATION LEVEL .....	3
1. ADMINISTRATIVE INFORMATION .....	4
2. PRODUCT FAMILY COMPOSITION AND FORMULATION .....	6
II. SECOND INFORMATION LEVEL - META SPC(S) .....	7
1. META SPC 1 ADMINISTRATIVE INFORMATION .....	8
2. META SPC 1 COMPOSITION .....	9
3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1 .....	10
4. AUTHORISED USE(S) OF THE META SPC .....	11
5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1 .....	17
6. OTHER INFORMATION .....	18
7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 1 .....	19
1. META SPC 2 ADMINISTRATIVE INFORMATION .....	20
2. META SPC 2 COMPOSITION .....	21
3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 2 .....	22
4. AUTHORISED USE(S) OF THE META SPC .....	23
5. GENERAL DIRECTIONS FOR USE OF THE META SPC 2 .....	26
6. OTHER INFORMATION .....	27
7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 2 .....	28

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**Part I.**  
**FIRST INFORMATION LEVEL**

## 1. ADMINISTRATIVE INFORMATION

### 1.1. Family name

Name	Lignum Woodworm Killer PF
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### 1.2. Product type(s)

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

Name and address of the authorisation holder	Name	WoodchemEQ Ltd
	Address	Unit 3D North Point House, North Point Business Park New Mallow Road T23 AT2P Cork Ireland
Authorisation number	IE/BPA 70492	
<i>R4BP asset number</i>	IE-0020583-0000	
Date of the authorisation	30/01/2019	
Expiry date of the authorisation	30/01/2029	

### 1.4. Manufacturer(s) of the product

Name of manufacturer	Enviroquest GPT Limited
Address of manufacturer	Unit E8/E9 DE21 6XE Derby United Kingdom of Great Britain and Northern Ireland (the)
Location of manufacturing sites	Enviroquest GPT Limited site 1 Unit E8/E9 DE21 6XE Derby United Kingdom of Great Britain and Northern Ireland (the)

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

Active substance	Permethrin
Name of manufacturer	Acting for Tagros Checchemicals India Ltd.
Address of manufacturer	Jhaver Centre, IV Floor, Rajah Annamalai Building 72, Marshalls Road, Egmoor 600 008 Chennai India
Location of manufacturing sites	Acting for Tagros Checchemicals India Ltd. site 1 A4/1&2, SIPCOT Industrial Complex, Kudikadu 00 Cuddalore, Tamil Nadu India

Active substance	Permethrin
Name of manufacturer	Tagros Chemicals India Ltd
Address of manufacturer	Jhaver Centre, IV floor, Rajah Annamalai Building, 72, Marshalls Road, Egmore 6000 008 Chennai India
Location of manufacturing sites	Tagros Chemicals India Ltd site 1 A4/1&2 SIPCOT Industrial Complex, Kudikadu, Tamil Nadu 00 Cuddalore India



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## 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 (%)
Permethrin		active substance	52645-53-1	258-067-9	0,267 - 6,493 % (w/w)
Neodol91.5	alcohols, C9-11 ethoxylated	Non-active substance	68439-46-3		1,6 - 40 % (w/w)

### 2.2. Type(s) of formulation

Formulation type(s)	ME Micro-emulsion
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**Part II.**  
**SECOND INFORMATION LEVEL - META SPC(S)**

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## 1. META SPC 1 ADMINISTRATIVE INFORMATION

### 1.1. Meta SPC 1 identifier

Identifier	Meta SPC: Meta SPC 1 RTU
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### 1.2. Suffix to the authorisation number

Number	1-1
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### 1.3. Product type(s)

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

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	0,267 - 0,267 % (w/w)
Neodol91.5	alcohols, C9-11 ethoxylated	Non-active substance	68439-46-3		1,6 - 1,6 % (w/w)

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

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

Hazard statements	H319: Causes serious eye irritation.  H410: Very toxic to aquatic life with long lasting effects.  EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
Precautionary statements	P273: Avoid release to the environment.  P264: Wash hands thoroughly after handling.  P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P337+P313: If eye irritation persists: Get medical attention.  P102: Keep out of reach of children.  P101: If medical advice is needed, have product container or label at hand.  P501: Dispose of contents to in accordance with local/national/international regulations.  P391: Collect spillage.  P280: Wear eye protection.  P280: Wear face protection.  P280: Wear protective gloves.  P280: Wear protective clothing.

## 4. AUTHORISED USE(S) OF THE META SPC

### 4.1. Use description 1

**Table 1. Meta SPC 1A - non-professional preventive**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative (ready-for-use) for preventive treatment against wood boring beetles and termites. For use in situations in which the wood-based product is under cover and not exposed to weather and wetting.
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: house longhorn beetle Development stage: larvae  Scientific name: <i>Anobium punctatum</i> De Geer Common name: common furniture beetle Development stage: larvae  Scientific name: <i>Reticulitermes</i> sp. Common name: subterranean termites Development stage: nymphs, soldiers and workers
Field(s) of use	indoor use  Use Class 1
Application method(s)	Method: open system: brush treatment  Detailed description: Preventative - Apply product at a rate of 200 ml/m <sup>2</sup> . (1L per 5 m <sup>2</sup> ) Method: low pressure spray  Detailed description: Preventative - Apply at a rate of 200 ml/m <sup>2</sup> . (1L per 5 m <sup>2</sup> )
Application rate(s) and frequency	Application Rate: 200 ml/m <sup>2</sup> .  Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers. Application Rate: 200 ml/m <sup>2</sup> .  Dilution (%): -  Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers.
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	Lacquer lined steel cans: Up to 5 litres HDPE container: Up to 5 litres

#### 4.1.1. Use-specific instructions for use

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#### 4.1.2. Use-specific risk mitigation measures

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#### 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

If medical advice is needed, have product container or label at hand.

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

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

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

Empty container should be disposed of as normal household waste.

Do not discharge the biocidal product into the sewage system or the environment.

Any waste should be disposed of safely in line with national waste management measures.

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

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### 4.2. Use description 2

**Table 2. Meta SPC 1B non-professional Curative**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for curative treatment against wood boring beetles. For use in situations where the wood-based product is under cover and not exposed to weather and wetting.
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: house longhorn beetle Development stage: larvae  Scientific name: <i>Anobium punctatum</i> De Geer Common name: common furniture beetle Development stage: larvae  Scientific name: <i>Lyctus brunneus</i> Common name: powder post beetles Development stage: larvae
Field(s) of use	indoor use  Situations where the wood-based product is under cover and not exposed to weather and wetting.
Application method(s)	Method: open system: brush treatment  Detailed description: Curative - Apply product at a rate of 300 ml/m <sup>2</sup> . (1L per 3.3 m <sup>2</sup> ) Method: low pressure spray  Detailed description: Curative - Apply at a rate of 300 ml/m <sup>2</sup> . (1L per 3.3 m <sup>2</sup> )
Application rate(s) and frequency	Application Rate: 300 ml/m <sup>2</sup>  Dilution (%): -

	<p>Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers. Application Rate: 300 ml/m<sup>2</sup></p> <p>Dilution (%): -</p> <p>Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers.</p>
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	Lacquer lined steel cans: Up to 5 litres HDPE container: Up to 5 litres

#### 4.2.1. Use-specific instructions for use

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#### 4.2.2. Use-specific risk mitigation measures

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#### 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

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

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

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

Empty container should be disposed of as normal household waste.

Do not discharge the biocidal product into the sewage system or the environment.

Any waste should be disposed of safely in line with national waste management measures.

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

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### 4.3. Use description 3

**Table 3. Meta SPC 1C Professional preventive**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for preventive treatment against wood boring beetles and termites. Use Class 1 in which the wood-based product is under cover and not exposed to weather and wetting.
Target organism(s) (including development stage)	<p>Scientific name: <i>Hylotrupes bajulus</i> L. Common name: house longhorn beetle Development stage: larvae</p> <p>Scientific name: <i>Anobium punctatum</i> De Geer Common name: common furniture beetle Development stage: larvae</p>

	Scientific name: Reticulitermes sp. Common name: subterranean termites Development stage: nymphs, soldiers and workers
Field(s) of use	indoor use  Use Class 1
Application method(s)	Method: open system: brush treatment  Detailed description: Preventative - Apply product at a rate of 200 ml/m <sup>2</sup> . (1L per 5 m <sup>2</sup> ) Method: low pressure spray  Detailed description: Preventative - Apply at a rate of 200 ml/m <sup>2</sup> . (1L per 5 m <sup>2</sup> )
Application rate(s) and frequency	Application Rate: 200 ml/m <sup>2</sup>  Dilution (%): -  Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers. Application Rate: 200 ml/m <sup>2</sup>  Dilution (%): -  Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers.
Category(ies) of users	trained professional ; professional
Pack sizes and packaging material	Lacquer lined steel cans: Up to 25 litres HDPE container: Up to 25 litres

#### 4.3.1. Use-specific instructions for use

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#### 4.3.2. Use-specific risk mitigation measures

FOR USE ONLY BY PROFESSIONAL OPERATORS.

Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information) and eye/face protection during product handling phase.

Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information) when applying as a spray or injection treatment.

A protective coverall (at least type 6, EN13034) must be worn when spraying.

#### 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

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

irritation persists: Get medical advice/attention.

IF ON SKIN: wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

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

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

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

Waste product or contaminated packaging should be disposed via licensed waste disposal contractor.

Bottle should be rinsed until free from deposit with washings used as diluent or disposed of as above.

Empty container should be disposed of as normal industrial waste.  
Do not discharge the biocidal product into the sewage system or the environment.

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

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#### 4.4. Use description 4

**Table 4. Meta SPC 1D - professional curative**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative for curative treatment against wood boring beetles. For use in situations where the wood-based product is under cover and not exposed to weather and wetting.
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: house longhorn beetle Development stage: larvae  Scientific name: <i>Anobium punctatum</i> De Geer Common name: common furniture beetle Development stage: larvae  Scientific name: <i>Lyctus brunneus</i> Common name: powder post beetles Development stage: larvae
Field(s) of use	indoor use  Use Class 1
Application method(s)	Method: open system: brush treatment  Detailed description: Curative- Apply product at a rate of 300 ml/m <sup>2</sup> . (1L per 3.3 m <sup>2</sup> ) Method: open system: spray treatment  Detailed description: # Curative- Apply product at a rate of 300 ml/m <sup>2</sup> . (1L per 3.3 m <sup>2</sup> ) Method: open system: injection  Detailed description: Curative injection applications of the product should be applied at a rate of 150 kg/m <sup>3</sup> followed by a superficial treatment of 300 ml/m <sup>2</sup> . This sequence application method should not be normal practice for curative applications, but only applied when required.
Application rate(s) and frequency	Application Rate: 300 ml/m <sup>2</sup>  Dilution (%): -  Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers. Application Rate: 300 ml/m <sup>2</sup>  Dilution (%): -  Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers.

	Application Rate: see above Dilution (%): - Number and timing of application: only apply when required
Category(ies) of users	trained professional ; professional
Pack sizes and packaging material	Lacquer lined steel cans: Up to 25 litres HDPE container: Up to 25 litres

#### **4.4.1. Use-specific instructions for use**

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#### **4.4.2. Use-specific risk mitigation measures**

FOR USE ONLY BY PROFESSIONAL OPERATORS.

Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information) and eye/face protection during product handling phase.

Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information) when applying as a spray or injection treatment.

A protective coverall (at least type 6, EN13034) must be worn when spraying.

#### **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**

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Pyrethroids and pyrethrins may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

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

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

Waste product or contaminated packaging should be disposed via licensed waste disposal contractor.

Bottle should be rinsed until free from deposit with washings used as diluent or disposed of as above.

Empty container should be disposed of as normal industrial waste.

Do not discharge the biocidal product into the sewage system or the environment.

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

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## **5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1**

### **5.1. Instructions for use**

#### **FOR INDOOR USE ONLY**

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.

During application of the ready to use user should take care to avoid splashes on to clothing and skin.

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.

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

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

Do not use on wood which may come into direct contact with food, feedstuffs or livestock.

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

Inform the registration holder if the treatment is ineffective

### **5.2. Risk mitigation measures**

see authorised uses

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

see authorised uses

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

see authorised uses

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

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

A shelf life of 24 months is supported.

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## 6. OTHER INFORMATION

In accordance with article 18 (3) (b) of Reg EC 1272/2008 (CLP), the product identifier for a mixture shall include the identity of all substances in the mixture that contribute to the classification of the mixture. Therefore the following co-formulants should be named on the product label:

- Alcohols, C9-C11, ethoxylated (CAS No. 68439-46-3)
- 1,2-benzisothiazol-3(2H)-one (BIT, CAS No. 2634-33-5)

All hazard and precautionary phrases triggered by the required classification have been included in the table;

it is the responsibility of the applicant to select the most appropriate precautionary phrases for inclusion on the product label.

Note: P280 precautionary phrase relates to professional users of the product only

Resistance management:

Information on how to report incidents of suspected resistance should be provided with this product. This should include contact details for the product authorisation holder and an indication of when to report suspected resistance to them, such as if insect damage appears.

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

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

Trade name(s)	Arc Woodworm Killer	Market area: IE
	Lignum Woodworm Killer	Market area: IE
	Ronseal Woodworm Killer	Market area: IE
	Barrettine Woodworm Killer	Market area: IE
	Larsen Low Odour Woodworm Killer	Market area: IE
	Rustins Woodworm Killer	Market area: IE
	Bird Brand Woodworm Killer	Market area: IE
	DOUGLAS Woodworm Killer	Market area: IE
	Woodworm Killer Solution	Market area: IE
	Deadline Woodworm Killer	Market area: IE
	Rentokil Woodworm Killer	Market area: IE
Authorisation number	IE-0020583-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	0,267
Neodol91.5	alcohols, C9-11 ethoxylated	Non-active substance	68439-46-3		1,6

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## 1. META SPC 2 ADMINISTRATIVE INFORMATION

### 1.1. Meta SPC 2 identifier

Identifier	Meta SPC: Mete SPC 2 Concentrate
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### 1.2. Suffix to the authorisation number

Number	1-2
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### 1.3. Product type(s)

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

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	6,493 - 6,493 % (w/w)
Neodol91.5	alcohols, C9-11 ethoxylated	Non-active substance	68439-46-3		40 - 40 % (w/w)

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

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

Hazard statements	<p>H317: May cause an allergic skin reaction.</p> <p>H318: Causes serious eye damage.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p>
Precautionary statements	<p>P273: Avoid release to the environment.</p> <p>P280: Wear protective gloves.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310: Immediately call a POISON CENTER.</p> <p>P261: Avoid breathing spray.</p> <p>P272: Contaminated work clothing should not be allowed out of the workplace.</p> <p>P333+P313: If skin irritation or rash occurs: Get medical advice.</p> <p>P321: Specific treatment (see ... on this label).</p> <p>P391: Collect spillage.</p> <p>P501: Dispose of contents to in accordance with local/national/international regulations.</p> <p>P302+P352: IF ON SKIN: Wash with plenty of soap and water.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p> <p>P362+P364: Take off contaminated clothing and wash it before reuse.</p> <p>P102: Keep out of reach of children.</p> <p>P280: Wear protective clothing.</p>

## 4. AUTHORISED USE(S) OF THE META SPC

### 4.1. Use description 1

**Table 1. Meta SPC 2A - Professional Preventive**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative concentrate for preventive treatment against wood boring beetles and termites. For preventive treatments in Use Class 1 in which the wood-based product is under cover and not exposed to weather and wetting
Target organism(s) (including development stage)	Scientific name: Hylotrupes bajulus L. Common name: house longhorn beetle Development stage: larvae  Scientific name: Anobium punctatum De Geer Common name: common furniture beetle Development stage: larvae  Scientific name: Reticulitermes sp. Common name: subterranean termites Development stage: nymphs, workers and soldiers
Field(s) of use	indoor use  Use Class 1 (preventive treatment)
Application method(s)	Method: open system: brush treatment  Detailed description: Dilute 1L of Concentrate with 24 L of water.Preventative - Apply diluted product at a rate of 200 ml/m <sup>2</sup> . (1L per 5 m <sup>2</sup> ) Method: open system: spray treatment  Detailed description: Dilute 1L of Concentrate with 24 L of water.Preventative - Apply diluted product at a rate of 200 ml/m <sup>2</sup> . (1L per 5 m <sup>2</sup> )
Application rate(s) and frequency	Application Rate: 200 ml/m <sup>2</sup>  Dilution (%): 4  Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers. Application Rate: 200ml/m <sup>2</sup>  Dilution (%): 4  Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers.
Category(ies) of users	trained professional ; professional
Pack sizes and packaging material	Lacquer lined steel cans: Up to 25 litres HDPE container: Up to 25 litres

#### 4.1.1. Use-specific instructions for use

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#### 4.1.2. Use-specific risk mitigation measures

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#### 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

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

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

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#### 4.2. Use description 2

**Table 2. Meta SPC 2B - Professional Curative**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative concentrate for curative treatment against wood boring beetles. For curative treatments in situations where the wood-based product is under cover and not exposed to weather and wetting.
Target organism(s) (including development stage)	Scientific name: Hylotrupes bajulus L. Common name: house longhorn beetle Development stage: larvae  Scientific name: Anobium punctatum De Geer Common name: common furniture beetle Development stage: larvae  Scientific name: Lyctus brunneus Common name: powder post beetles Development stage: larvae
Field(s) of use	indoor use  Curative treatments of wood-based products under cover and not exposed to weather and wetting.
Application method(s)	Method: open system: brush treatment  Detailed description: Dilute 1L of Concentrate with 24 L of water. Curative - Apply diluted product at a rate of 300 ml/m <sup>2</sup> . (1L per 3.3 m <sup>2</sup> ) Method: open system: spray treatment  Detailed description: Dilute 1L of Concentrate with 24 L of water. Curative - Apply diluted product at a rate of 300 ml/m <sup>2</sup> . (1L per 3.3 m <sup>2</sup> ) Method: open system: injection  Detailed description: Dilute 1L of Concentrate with 24 L of water. Curative injection applications of the diluted product should be applied at a rate of 150 kg/m <sup>3</sup> followed by a superficial treatment of 300 ml/m <sup>2</sup> of diluted product. This sequence application method should not be normal practice for curative applications, but only applied when required.
Application rate(s) and frequency	Application Rate: 300 ml/m <sup>2</sup>



	<p>Dilution (%): 4</p> <p>Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers. Application Rate: 300 ml/m<sup>2</sup></p> <p>Dilution (%): 4</p> <p>Number and timing of application: Product should only require applying once every 5 years, if necessary, to timbers. Application Rate: see detailed description of the method (above)</p> <p>Dilution (%): 4</p> <p>Number and timing of application: This application method should not be normal practice for curative applications, but only applied when required.</p>
Category(ies) of users	trained professional ; professional
Pack sizes and packaging material	Lacquer lined steel cans: Up to 25 litres HDPE container: Up to 25 litres

**4.2.1. Use-specific instructions for use**

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**4.2.2. Use-specific risk mitigation measures**

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**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**

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

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

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## **5. GENERAL DIRECTIONS FOR USE OF THE META SPC 2**

### **5.1. Instructions for use**

#### **FOR INDOOR USE ONLY**

To make ready to use solution dilute 1L of Concentrate with 24 L of water

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.

During application of the ready to use user should take care to avoid splashes on to clothing and skin.

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.

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

Inform the registration holder if the treatment is ineffective.

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

Do not use on wood which may come into direct contact with food, feedstuffs or livestock.

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

### **5.2. Risk mitigation measures**

#### **FOR USE ONLY BY PROFESSIONAL OPERATORS.**

Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information), a protective coverall (at least type 6, EN13034) and eye/face protection during product handling phase.

Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information) when applying as a spray or injection treatment.

A protective coverall (at least type 6, EN13034) must be worn when spraying

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

If medical advice is needed, have product container or label at hand.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN: wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Pyrethroids and pyrethrins may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

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

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

Waste product or contaminated packaging should be disposed via licensed waste disposal contractor.

Bottle should be rinsed until free from deposit with washing used as diluent or disposed of as above.

Empty container should be disposed of as normal industrial waste.

Do not discharge the biocidal product nor the diluted solution of the biocidal product into the sewage system or the environment.

### **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

A shelf-life of 24 months is supported.

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## 6. OTHER INFORMATION

In accordance with article 18 (3) (b) of Reg EC 1272/2008 (CLP), the product identifier for a mixture shall include the identity of all substances in the mixture that contribute to the classification of the mixture. Therefore the following co-formulants should be named on the product label:

- Alcohols, C9-C11, ethoxylated (CAS No. 68439-46-3)
- 1,2-benzisothiazol-3(2H)-one (BIT, CAS No. 2634-33-5)

All hazard and precautionary phrases triggered by the required classification have been included in the table; it is the responsibility of the applicant to select the most appropriate precautionary phrases for inclusion on the product label.

Resistance management:

Information on how to report incidents of suspected resistance should be provided with this product. This should include contact details for the product authorisation holder and an indication of when to report suspected resistance to them, such as if insect damage appears

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

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

Trade name(s)	Lignum ProI62.5 (BPR)	Market area: IE
Authorisation number	IE-0020583-0002 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	6,493
Neodol91.5	alcohols, C9-11 ethoxylated	Non-active substance	68439-46-3		40