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*ANNEX*

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

IRUXIL W

**Product type(s)**

PT08: Wood preservatives

**Authorisation number:** ES-0028350-0000 1-1

**R4BP asset number:** ES-0028350-0002

## 1. ADMINISTRATIVE INFORMATION

### 1.1. Trade name(s) of the product

|               |          |
|---------------|----------|
| Trade name(s) | IRUXIL W |
|---------------|----------|

### 1.2. Authorisation holder

|  |         |  |
|--|---------|--|
| Name and address of the authorisation holder | Name    | Industrias Químicas Iruena, SA                               |
|  | Address | Ctra. de Tolosa, s/nº Apartado 30 Nº 12 20730 Azpeitia Spain |
| Authorisation number                         |         | ES-0028350-0000 1-1  |
| <i>R4BP asset number</i>                     |         | ES-0028350-0002  |
| Date of the authorisation                    |         | 09/08/2023   |
| Expiry date of the authorisation             |         | 09/08/2028   |

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

|                                 |   |
|---------------------------------|---|
| Name of manufacturer            | INDUSTRIAS QUIMICAS IRURENA, S.A.   |
| Address of manufacturer         | Ctra. de TOLOSA s/nº 20730 Azpeitia Spain   |
| Location of manufacturing sites | INDUSTRIAS QUIMICAS IRURENA, S.A. site 1<br>Ctra. de TOLOSA s/nº 20730 Azpeitia Spain |

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

|                                 |   |
|---------------------------------|---|
| Active substance                | Permethrin  |
| Name of manufacturer            | LANXESS Deutschland GmbH  |
| Address of manufacturer         | Kennedyplatz 1 50569 Köln Germany   |
| Location of manufacturing sites | LANXESS Deutschland GmbH site 1 Bayer Vapi Private Limited. Plot # 306/3 II Phase, GIDC, Vapi 396 195 Gujarat India |

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

|                                 |  |
|---------------------------------|--|
| Active substance                | 3-iodo-2-propynylbutylcarbamate (IPBC)   |
| Name of manufacturer            | LANXESS Deutschland GmbH   |
| Address of manufacturer         | Kennedyplatz 1, 50569 Köln Germany   |
| Location of manufacturing sites | LANXESS Deutschland GmbH site 1 Shanghai Hui long Chemicals Co., Ltd, Dengta Jiazhu Rd. 201815 District Shanghai China 201815 Shanghai China |

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|                                 |   |
|---------------------------------|---|
| Active substance                | 3-iodo-2-propynylbutylcarbamate (IPBC)  |
| Name of manufacturer            | Troy Chemical Company BV  |
| Address of manufacturer         | Poortweg 4C 2612 Delft Netherlands (the)  |
| Location of manufacturing sites | Troy Chemical Company BV site 1 Troy Corporation,<br>One Avenue L 07105 Newark United States (the)<br><br>Troy Chemical Company BV site 2 Troy Rheinland<br>GmbH, Industriepark 23, 56593 Horhausen Germany |

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## 2. PRODUCT COMPOSITION AND FORMULATION

### 2.1. Qualitative and quantitative information on the composition of the product

| Common name  | IUPAC name | Function         | CAS number | EC number | Content (%) |
|--|------------|------------------|------------|-----------|-------------|
| Permethrin   |            | active substance | 52645-53-1 | 258-067-9 | 0,25        |
| 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole<br>(Propiconazole) |            | active substance | 60207-90-1 | 262-104-4 | 0,225       |
| 3-iodo-2-propynylbutylcarbamate<br>(IPBC)  |            | active substance | 55406-53-6 | 259-627-5 | 0,225       |

### 2.2. Type(s) of formulation

AL Any other liquid

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### 3. HAZARD AND PRECAUTIONARY STATEMENTS

|                          |   |
|--------------------------|---|
| Hazard statements        | <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>EUH208: Contains Permethrin, Propiconazole, 3-Iodo-2-propynyl butyl carbamate, reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one, 5-chloro-2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.</p>   |
| Precautionary statements | <p>P273: Avoid release to the environment.</p> <p>P391: Collect spillage.</p> <p>P501: Dispose of contents to Dispose of contents/ container as hazardous waste to a registered establishment or undertaking, in accordance with current regulations. - Industrial (trained professionals) and Trained professionals -..</p> <p>P501: Dispose of contents to Dispose of content and / or its container as hazardous waste according to the regulations in force - Professionals..</p> |

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1. Use # 1 – Preventive treatment by brushing/roller application indoor – Trained professional and professional**

|  |   |
|--|---|
| Product type   | PT08: Wood preservatives  |
| Where relevant, an exact description of the authorised use | Fungicide, insecticide  |
| Target organism(s) (including development stage)           | Scientific name: Hylotrupes bajulus L.<br>Common name: wood boring beetles<br>Development stage: larvae<br><br>Scientific name: Aureobasidium pullulans P268<br>Common name: Wood discolouring fungi or Blue stain fungi<br>Development stage: nymphs<br><br>Scientific name: Sclerophome pithyophila S231<br>Common name: Wood discolouring fungi or Blue stain fungi<br>Development stage: nymphs |
| Field(s) of use  | indoor use<br><br>Preventive wood preservation in use class 2 against WBB and blue stain fungi in service.  |
| Application method(s)                                      | Method: Brushing /rolling<br><br>Detailed description: Brushing Method: Painting with a brush or a roller ^   |
| Application rate(s) and frequency                          | Application rate: 200 gr/m2<br><br>Dilution (%): 0<br><br>Number and timing of application:<br>One application according to dosage is enough to protect timber.   |
| Category(ies) of users                                     | trained professional ; professional   |
| Pack sizes and packaging material                          | Can of 250 mL and 750 mL.   |

#### 4.1.1. Use-specific instructions

Use the water-based RTU product undiluted and apply to wood directly out of the original container by using a brush. After the application, clean the equipment with synthetic resin thinners or brush cleaner.

The product is for use on timbers not in ground contact, cover and fully protected from the weather but where occasional but not persistent wetting may occur (Use Class 2). Treated timber must not be used in external situations where it is in contact with the ground and permanently exposed to wetting, or in permanent contact with fresh or salt water.

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

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

Protective chemical resistant gloves and coverall (PF 90%) for application (gloves and coverall material to be specified by the authorisation holder within the product information).

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

See general directions for use.

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

See general directions for use.

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

See general directions for use.

### 4.2. Use description

**Table 2. Use # 2 – not approved**

|  |   |
|--|---|
| Product type   | PT08: Wood preservatives  |
| Where relevant, an exact description of the authorised use | .   |
| Field(s) of use  | indoor use<br>.   |
| Application method(s)                                      | Method: .<br>Detailed description: Brushing Method: Painting with a brush or a roller |
| Application rate(s) and frequency                          | Application rate: .<br>Dilution (%): .<br>Number and timing of application:<br>.      |

|                                   |   |
|-----------------------------------|---|
| Pack sizes and packaging material | . |
|-----------------------------------|---|

**4.2.1. Use-specific instructions**

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

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

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**4.2.4. 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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**4.2.5. Where specific to the use, the instructions for safe disposal of the product and its packaging**

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**4.2.6. 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**

**Table 3. Use # 3 – Preventive treatment by brushing/roller application indoor – Industrial (Trained professional)**

|  |  |
|--|--|
| Product type   | PT08: Wood preservatives   |
| Where relevant, an exact description of the authorised use | Fungicide, insecticide   |
| Target organism(s) (including development stage)           | Scientific name: Hylotrupes bajulus L.<br>Common name: wood boring beetles<br>Development stage: larvae<br><br>Scientific name: Aureobasidium pullulans P268 |



|                                   |   |
|-----------------------------------|---|
|                                   | <p>Common name: Wood discolouring fungi or Blue stain fungi<br/>Development stage: nymphs</p> <p>Scientific name: Sclerophome pithyophila S231<br/>Common name: Wood discolouring fungi or Blue stain fungi<br/>Development stage: nymphs</p>                                   |
| Field(s) of use                   | <p>indoor use</p> <p>Preventive wood preservation in use class 2 against WBB and blue stain fungi in service.</p>   |
| Application method(s)             | <p>Method: Painting with a brush or a roller</p> <p>Detailed description: Brushing<br/>Method: Painting with a brush or a roller<br/>Treatment: Preventive, Dose: 200g/m<sup>2</sup><br/>Frequency of use: One application according to dosage is enough to protect timber.</p> |
| Application rate(s) and frequency | <p>Application rate: 200 gr/m<sup>2</sup></p> <p>Dilution (%): 0</p> <p>Number and timing of application:<br/>One application according to dosage is enough to protect timber.</p>  |
| Category(ies) of users            | industrial ; trained professional   |
| Pack sizes and packaging material | Bucket 4L, 5L and 20L, Drum 200L and IBC 1000L  |

#### 4.3.1. Use-specific instructions

Use the water-based RTU product undiluted and apply to wood directly out of the original container by using a brush. After the application, clean the equipment with synthetic resin thinners or brush cleaner.

The product is for use on timbers not in ground contact, cover and fully protected from the weather but where occasional but not persistent wetting may occur (Use Class 2). Treated timber must not be used in external situations where it is in contact with the ground and permanently exposed to wetting, or in permanent contact with fresh or salt water.

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

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

Protective chemical resistant gloves and coverall (PF 90%) for application (gloves and coverall material to be specified by the authorisation holder within the product information).

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

See general directions for use.

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

See general directions for use.

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

See general directions for use.

### 4.4. Use description

**Table 4. Use # 4 – Preventive treatment by brushing/roller application indoor –Trained professional and professional**

|  |  |
|--|--|
| Product type   | PT08: Wood preservatives   |
| Where relevant, an exact description of the authorised use | Fungicide, insecticide   |
| Target organism(s) (including development stage)           | Scientific name: <i>Hylotrupes bajulus</i> L.<br>Common name: wood boring beetles<br>Development stage: larvae<br><br>Scientific name: <i>Aureobasidium pullulans</i> P268<br>Common name: Wood discolouring fungi or Blue stain fungi<br>Development stage: nymphs<br><br>Scientific name: <i>Sclerophome pithyophila</i> S231<br>Common name: Wood discolouring fungi or Blue stain fungi<br>Development stage: nymphs |
| Field(s) of use  | indoor use<br><br>Preventive wood preservation in use class 2 against WBB and blue stain fungi in service.   |
| Application method(s)                                      | Method: Brushing /rolling<br><br>Detailed description: Brushing Method: Painting with a brush or a roller Treatment: Preventive, Dose: 200g/m2 Frequency of use: One application according to dosage is enough to protect timber. ^  |
| Application rate(s) and frequency                          | Application rate: 200 gr/m2<br><br>Dilution (%): 0<br><br>Number and timing of application:<br>One application according to dosage is enough to protect timber.  |

|                                   |                                     |
|-----------------------------------|-------------------------------------|
|                                   |                                     |
| Category(ies) of users            | trained professional ; professional |
| Pack sizes and packaging material | Can of 750 mL.                      |

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

Use the water-based RTU product undiluted and apply to wood directly out of the original container by using a brush. After the application, clean the equipment with synthetic resin thinners or brush cleaner.

The product is for use on timbers not in ground contact, cover and fully protected from the weather but where occasional but not persistent wetting may occur (Use Class 2). Treated timber must not be used in external situations where it is in contact with the ground and permanently exposed to wetting, or in permanent contact with fresh or salt water.

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

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

Protective chemical resistant gloves and coverall (PF 90%) for application (gloves and coverall material to be specified by the authorisation holder within the product information).

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

See general directions for use.

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

See general directions for use.

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

See general directions for use.

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## 4.5. Use description

**Table 5. Use # 5 – Not approved**

|  |  |
|--|--|
| Product type   | PT08: Wood preservatives   |
| Where relevant, an exact description of the authorised use | .  |
| Field(s) of use  | indoor use<br>.  |
| Application method(s)                                      | Method: .<br><br>Detailed description: Brushing<br>Method: Painting with a brush or a roller<br>Treatment: Preventive, Dose: 200g/m <sup>2</sup><br>Frequency of use: One application according to dosage is enough to protect timber. |
| Application rate(s) and frequency                          | Application rate: .<br><br>Dilution (%): .<br><br>Number and timing of application:<br>.   |
| Category(ies) of users                                     | general public (non-professional)  |
| Pack sizes and packaging material                          | .  |

### 4.5.1. Use-specific instructions

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### 4.5.2. Use-specific risk mitigation measures

### 4.5.3. Use-specific risk mitigation measures

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### 4.5.4. 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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### 4.5.5. Where specific to the use, the instructions for safe disposal of the product and its packaging

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

**4.6. Use description**

**Table 6. Use # 6 – Preventive treatment by fully automated spraying application – Industrial (Trained Professional)**

|  |   |
|--|---|
| Product type   | PT08: Wood preservatives  |
| Where relevant, an exact description of the authorised use | Fungicide, insecticide  |
| Target organism(s) (including development stage)           | <p>Scientific name: <i>Hylotrupes bajulus</i> L.<br/> Common name: wood boring beetles<br/> Development stage: larvae</p> <p>Scientific name: <i>Aureobasidium pullulans</i> P268<br/> Common name: Wood discolouring fungi or Blue stain fungi<br/> Development stage: nymphs</p> <p>Scientific name: <i>Sclerophome pithyophila</i> S231<br/> Common name: Wood discolouring fungi or Blue stain fungi<br/> Development stage: nymphs</p> |
| Field(s) of use  | <p>indoor use</p> <p>Preventive wood preservation in use class 2 against WBB and blue stain fungi in service.</p>   |
| Application method(s)                                      | <p>Method: Closed system: fully automated spraying.</p> <p>Detailed description: Spraying Method: Fully automated<br/> Treatment: Preventive, Dose: 200g/m<sup>2</sup> Frequency of use: One application according to dosage is enough to protect timber.</p>   |
| Application rate(s) and frequency                          | <p>Application rate: 200 gr/m<sup>2</sup></p> <p>Dilution (%): 0</p> <p>Number and timing of application:</p> <p>One application according to dosage is enough to protect timber.</p>   |
| Category(ies) of users                                     | industrial ; trained professional   |
| Pack sizes and packaging material                          | Bucket 4L, 5L and 20L, Drum 200L and IBC 1000L  |

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|--|--|
|  |  |
|--|--|

#### **4.6.1. Use-specific instructions**

Product IRUXIL FAMILY must only be used in fully automated spraying processes

New wear gloves each work-shift, impermeable coverall and P3 mask.

The water-based RTU product is used undiluted for automated spraying by industrials and trained professionals. Automated spraying is a fully automated process. After the treatment, the wood is lifted out by the fork-lift truck. The wood is then transferred by the fork-lift truck to a storage area where it is placed to dry.

The product is for use on timbers not in ground contact, cover and fully protected from the weather but where occasional but not persistent wetting may occur (Use Class 2). Treated timber must not be used in external situations where it is in contact with the ground and permanently exposed to wetting, or in permanent contact with fresh or salt water. A top-coat is recommended to be applied to treated wood.

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

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

Wear protective chemical resistant new gloves each work-shift (glove material to be specified by the authorisation holder within the product information).

A protective coverall which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).

Use of respiratory protective equipment (RPE) providing a protection factor of 40 is mandatory. At least a full face mask with particle filter P3 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information).

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

See general directions for use.

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

See general directions for use.

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

See general directions for use.

## 4.7. Use description

**Table 7. Use # 7 – Preventive treatment by manual dipping application – Industrial (Trained professionals)**

|  |  |
|--|--|
| Product type   | PT08: Wood preservatives   |
| Where relevant, an exact description of the authorised use | Fungicide, insecticide   |
| Target organism(s) (including development stage)           | <p>Scientific name: Hylotrupes bajulus L.<br/>Common name: wood boring beetles<br/>Development stage: larvae</p> <p>Scientific name: Aureobasidium pullulans P268<br/>Common name: Wood discolouring fungi or Blue stain fungi<br/>Development stage: nymphs</p> <p>Scientific name: Sclerophome pithyophila S231<br/>Common name: Wood discolouring fungi or Blue stain fungi<br/>Development stage: nymphs</p> |
| Field(s) of use  | <p>indoor use</p> <p>Preventive wood preservation in use class 2 against WBB and blue stain fungi in service.</p>  |
| Application method(s)                                      | <p>Method: Dipping</p> <p>Detailed description: Dipping Method: manual Treatment: Preventive, Dose: 200g/m<sup>2</sup> Frequency of use: One application according to dosage is enough to protect timber.</p>  |
| Application rate(s) and frequency                          | <p>Application rate: 200 gr/m<sup>2</sup></p> <p>Dilution (%): 0</p> <p>Number and timing of application:<br/>One application according to dosage is enough to protect timber.</p>   |
| Category(ies) of users                                     | industrial ; trained professional  |
| Pack sizes and packaging material                          | Bucket 4L, 5L and 20L, Drum 200L and IBC 1000L   |

### 4.7.1. Use-specific instructions

New wear gloves each work-shift, impermeable coverall and P3 mask.

The water-based RTU product IRUXIL W-I is used undiluted for manual dipping by industrials and trained professionals. The transfer of the impregnation solutions to the dipping tank for manual dipping is done automated by connecting lines. During manual dipping, the operator lifts and places – by hand – the wooden article into the dipping tank. The operator then pushes, using a post, the wooden article under the wood preservative in the dipping tank and/or uses a broom to brush the wood preservative onto the wooden article (the article is still in the dipping tank as the preservative is brushed on the wood). The operator then lifts manually the wooden article from the dipping tank and stacks the article to dry.

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The product is for use on timbers not in ground contact, cover and fully protected from the weather but where occasional but not persistent wetting may occur (Use Class 2). Treated timber must not be used in external situations where it is in contact with the ground and permanently exposed to wetting, or in permanent contact with fresh or salt water. A top-coat is recommended to be applied to treated wood.

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

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

New gloves each work shift and protective coverall (PF95%) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).

Respiratory protective equipment (RPE) providing a protection factor of 40 is mandatory. At least a full face mask with particle filter P3 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information).

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

See general directions for use.

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

See general directions for use.

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

See general directions for use.

### **4.8. Use description**

**Table 8. Use # 8 – Preventive treatment by manual dipping application –Trained Professionals**

|  |  |
|--|--|
| Product type   | PT08: Wood preservatives   |
| Where relevant, an exact description of the authorised use | Fungicide, insecticide   |
| Target organism(s) (including development stage)           | Scientific name: <i>Hylotrupes bajulus</i> L.<br>Common name: wood boring beetles<br>Development stage: larvae |



|                                   |   |
|-----------------------------------|---|
|                                   | <p>Scientific name: Aureobasidium pullulans P268<br/> Common name: Wood discolouring fungi or Blue stain fungi<br/> Development stage: nymphs</p> <p>Scientific name: Sclerophome pithyophila S231<br/> Common name: Wood discolouring fungi or Blue stain fungi<br/> Development stage: nymphs</p> |
| Field(s) of use                   | <p>indoor use</p> <p>Preventive wood preservation in use class 2 against WBB and blue stain fungi in service.</p>   |
| Application method(s)             | <p>Method: Manual dipping application.</p> <p>Detailed description: Dipping Method: manual Treatment: Preventive, Dose: 200g/m2 Frequency of use: One application according to dosage is enough to protect timber.</p>  |
| Application rate(s) and frequency | <p>Application rate: 200 gr/m2</p> <p>Dilution (%): 0</p> <p>Number and timing of application:<br/> One application according to dosage is enough to protect timber.</p>  |
| Category(ies) of users            | trained professional  |
| Pack sizes and packaging material | Can 750 ml  |

#### 4.8.1. Use-specific instructions

New wear gloves each work-shift, impermeable coverall and P3 mask.

The water-based RTU product IRUXIL W-I is used undiluted for manual dipping by industrials and trained professionals. The transfer of the impregnation solutions to the dipping tank for manual dipping is done automated by connecting lines. During manual dipping, the operator lifts and places – by hand – the wooden article into the dipping tank. The operator then pushes, using a post, the wooden article under the wood preservative in the dipping tank and/or uses a broom to brush the wood preservative onto the wooden article (the article is still in the dipping tank as the preservative is brushed on the wood). The operator then lifts manually the wooden article from the dipping tank and stacks the article to dry.

The product is for use on timbers not in ground contact, cover and fully protected from the weather but where occasional but not persistent wetting may occur (Use Class 2). Treated timber must not be used in external situations where it is in contact with the ground and permanently exposed to wetting, or in permanent contact with fresh or salt water. A top-coat is recommended to be applied to treated wood.

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

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

New gloves each work shift and protective coverall (PF95%) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).

Respiratory protective equipment (RPE) providing a protection factor of 40 is mandatory. At least a full face mask with particle filter P3 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information).

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

See general directions for use.

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

See general directions for use.

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

See general directions for use.

**4.9. Use description**

**Table 9. Use # 9 – Preventive treatment by fully automated dipping application – Industrial (Trained Professional)**

|  |   |
|--|---|
| Product type   | PT08: Wood preservatives  |
| Where relevant, an exact description of the authorised use | Fungicide, insecticide  |
| Target organism(s) (including development stage)           | <p>Scientific name: <i>Hylotrupes bajulus</i> L.<br/> Common name: Wood discolouring fungi or Blue stain fungi<br/> Development stage: larvae</p> <p>Scientific name: <i>Aureobasidium pullulans</i> P268<br/> Common name: wood discolouring fungi<br/> Development stage: nymphs</p> <p>Scientific name: <i>Sclerophome pithyophila</i> S231<br/> Common name: Wood discolouring fungi or Blue stain fungi<br/> Development stage: nymphs</p> |
| Field(s) of use  | <p>indoor use</p> <p>Preventive wood preservation in use class 2 against WBB and blue stain fungi in service.</p>   |
| Application method(s)                                      | Method: Closed system: fully automated dipping.   |

|                                   |  |
|-----------------------------------|--|
|                                   | Detailed description: Dipping Method: Fully automated<br>Treatment: Preventive, Dose: 200g/m <sup>2</sup> Frequency of use: One application according to dosage is enough to protect timber. |
| Application rate(s) and frequency | Application rate: 200 gr/m <sup>2</sup><br><br>Dilution (%): 0<br><br>Number and timing of application:<br>One application according to dosage is enough to protect timber.                  |
| Category(ies) of users            | industrial ; trained professional  |
| Pack sizes and packaging material | Bucket 4L, 5L and 20L, Drum 200L and IBC 1000L   |

#### 4.9.1. Use-specific instructions

Product IRUXIL FAMILY must only be used in fully automated dipping processes

New wear gloves each work-shift, impermeable coverall and P3 mask.

The water-based RTU product is used undiluted for automated dipping by industrials and trained professional.

The transfer of the impregnation solutions to the dipping tank or bathing tray for automated dipping is done automated by connecting lines. For automated dipping, an operator using a fork-lift truck lowers the wood into the dipping tank or transfers the wood to a bathing tray. Automated dipping is a fully automated process. After the treatment, the wood is lifted out by the fork-lift truck. The wood is then transferred by the fork-lift truck to a storage area where it is placed to dry.

The product is for use on timbers not in ground contact, cover and fully protected from the weather but where occasional but not persistent wetting may occur (Use Class 2). Treated timber must not be used in external situations where it is in contact with the ground and permanently exposed to wetting, or in permanent contact with fresh or salt water. A top-coat is recommended to be applied to treated wood.

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

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

Wear protective chemical resistant new gloves each work-shift (glove material to be specified by the authorisation holder within the product information).

A protective coverall which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).

Use of respiratory protective equipment (RPE) providing a protection factor of 40 is mandatory. At least a full face mask with particle filter P3 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information).

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

See general directions for use.

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

See general directions for use.

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

See general directions for use.

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## 5. GENERAL DIRECTIONS FOR USE<sup>1</sup>

### 5.1. Instructions for use

- Read attached instructions before use.
  
- Comply with instructions of use.
  
- Wash hands thoroughly after handling.
  
- Assure no animals are present during treatment.
  
- Product can be used to treat softwoods,
  
- The users should be informed if the treatment is ineffective and report straightforward to the registration holder.
  
- For wood or wood product that by their nature are not susceptible to brown rot fungi.
  
- This product may not be used together with product against wood destroying fungi to prevent double treatment of fungicides.
  
- For industrial users: the user of the product must have received adequate training within the framework of that industry, in a way that allows him to have the knowledge and skills in handling chemical products and in the correct use of the necessary personal protective equipment for the safe performance of his work.

### 5.2. Risk mitigation measures

- Can be harmful to protected species such as bats, hornets or birds. The presence of protected species in the area to be treated must be assessed prior to use of the product in Spain. Appropriate protective measures must be taken if necessary.
  
- Keep cats away from treated surfaces. Due to their particular sensitivity permethrin, the product can cause severe adverse reactions in cats.

When the product is applied by professional and non-professional users the following RMM must be considered to avoid any risk to the environment:

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

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<sup>1</sup>Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

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- To avoid leakage into the soil, store treated objects or materials until completely dried on impermeable ground and under roof.

When the product is applied by industrial (trained professional) users the following RMM must be considered to avoid any risk to the environment:

- All industrial application processes must be carried out within a contained area situated on impermeable hard standing with bunding to prevent run-off and a recovery system in place (e.g. sump).

- Prevent any release to the environment during the product application phase as well as during the storage and the transport of treated timber;

- During the application phase, prevent any release of cleaning water (after cleaning of floors, tanks, containers) to the environment (sewer, soil, water);

- Freshly treated timber must be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water, and that any losses of the product, including any contaminated water/soil must be collected for reuse or disposal in accordance with local/national/international requirements.

- Any contaminated water/soil shall be collected, contained and treated as hazardous waste.

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

First aid instructions

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

IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.

IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.

IF ON SKIN: Take off all contaminated clothing and wash it before reuse. Wash skin with water. If skin irritation or rash occur: Get medical advice.

IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.

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Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

Methods and material for containment and cleaning up: Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant. Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations.

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

Industrial and Trained Professional:

Empty containers, unused product, washing water, containers and other waste generated during the treatment are considered hazardous waste. Deliver those wastes to a registered establishment or undertaking, in accordance with current regulations.

Code the waste according Decision 2014/955/EU.

Do not release to soil, ground, surface water or any kind of sewer.

Professional:

Empty containers, unused product and other waste generated during the treatment are considered hazardous waste. Dispose of in accordance with current regulations.

Do not release into soil, ground, surface water or any kind of sewer.

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

Keep out of reach of children and non-target animals/pets.

Product hazardous to the environment, in case of large spills or if the product contaminates lakes, rivers or the sewage system, inform the competent authorities in accordance with current regulations. Prevent contamination of drains, surface or ground water and soil.

Methods and material for containment and cleaning up: Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, diatomaceous earth...) and clean up immediately with a suitable decontaminant. Deposit the waste in closed containers suitable for disposal in accordance with current regulations.





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## 6. OTHER INFORMATION

### Definitions:

-Industrial (trained professional):

industrial factory workers, having received specific training in management biocidal products according to the national legislation in force.

-Trained professional (TP):

pest control operators, having received specific training in management of biocidal products according to the national legislation in force.

-Professional (P):

professionals that use the biocidal products in the context of his profession, that is not pest control operator, and that are unlikely to have received any specific training in biocidal product use according to the national legislation in force. It can be expected that they have some knowledge and skills handling chemicals (if they must use it in their job) and they are able to use correctly some kind of PPE if necessary.