

# Summary of product characteristics for a biocidal product

**Product name:** XYLAZEL TOTAL

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

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**Authorisation number:** ES/APP(NA)-2021-08-00782

**R4BP 3 asset reference number:** ES-0015849-0000

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## Administrative information

### 1.1. Trade names of the product

XYLAZEL TOTAL
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	XYLAZEL, S.A.
	Address	Poligono Industrial de las Gándaras de Prado-Budiño 36400 Porriño Spain
Authorisation number	ES/APP(NA)-2021-08-00782	
R4BP 3 asset reference number	ES-0015849-0000	
Date of the authorisation	03/11/2021	
Expiry date of the authorisation	31/05/2025	

### 1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	XYLAZEL, S.A.
Address of the manufacturer	Poligono Indutrial de las Gándaras de Prado Budiño 36400 PORRIÑO Spain
Location of manufacturing sites	Poligono Indutrial de las Gándaras de Prado Budiño 36400 PORRIÑO Spain

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

<b>Active substance</b>	1283 - (RS)- $\alpha$ -cyano-3phenoxybenzyl-(1RS)-cis, trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Cypermethrin)
<b>Name of the manufacturer</b>	Arysta LifeScience Benelux SPRL
<b>Address of the manufacturer</b>	Rue Renory 26 1 BE 4102 Ougree Belgium
<b>Location of manufacturing sites</b>	Gharda Chemical Limited, D, 1/2/ MIDC Lote Parshuram Tal. Khed Dist. Ratnagiri, 415 722 Maharashtra India
	Dr Reddys Laboratories Limited, Steanard Lane, Mirfield WF14 8HZ West Yorkshire United Kingdom

<b>Active substance</b>	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
<b>Name of the manufacturer</b>	TROY CHEMICAL COMPANY BV
<b>Address of the manufacturer</b>	Poortweg 4C NL-2612PA Delft Netherlands
<b>Location of manufacturing sites</b>	Industriepark 23 56593 Horhausen Germany
	One Avenue L 07105 Newark; New Jersey United States

<b>Active substance</b>	51 - tebuconazole
<b>Name of the manufacturer</b>	LANXESS Deutschland GmbH
<b>Address of the manufacturer</b>	Kennedyplatz 1 50569 Cologne Germany
<b>Location of manufacturing sites</b>	Bayer CropScience Corp. – P.O. Box 4913 Hawthorn Road MO 64120-001 Kansas City United States

<b>Active substance</b>	48 - 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
<b>Name of the manufacturer</b>	LANXESS Deutschland GmbH
<b>Address of the manufacturer</b>	Kennedyplatz 1 50569 Cologne Germany
<b>Location of manufacturing sites</b>	Syngenta Crop Protection AG CH-4002 Basel 1870 Monthey Switzerland
	Jiangsu Yangnong Chemical Group Co., Ltd; Wenfeng Road 225009 Yangzhou, Jiangsu China
	Jiangsu SevenContinent Green Chemical Co., Ltd; North Area of Dongsha Chem-Zone 215600 Zhanjiangang, Jiangsu China

## 2. Product composition and formulation

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
(RS)- $\alpha$ -cyano-3phenoxybenzyl-(1RS)-cis, trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Cypermethrin)		Active Substance	52315-07-8	257-842-9	0,15
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	0,6
tebuconazole	1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	Active Substance	107534-96-3	403-640-2	0,175
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	0,175
Hydrocarbons, C9 aromatics		Non-active substance		918-668-5	13
Naphtha (petroleum), hydrotreated heavy		Non-active substance	64742-48-9	265-150-3	72

### 2.2. Type of formulation

Liquid
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## 3. Hazard and precautionary statements

### Hazard statements

Flammable liquid and vapour.

Causes skin irritation.

May cause an allergic skin reaction.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Very toxic to aquatic life with long lasting effects.

Contains propiconazole. May produce an allergic reaction.

### Precautionary statements

Avoid breathing dust.

Wash protective gloves thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.
In case of fire: Use ABC powder to extinguish.
Take off contaminated clothing. And wash it before reuse.
Collect spillage.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents to / container as hazardous waste to a registered establishment or undertaking, in accordance with current regulations. Industrial (trained professionals) and Trained professionals.
Dispose of contents to and / or its container as hazardous waste according to the regulations in force. (Non professionals).

## 4. Authorised use(s)

### 4.1 Use description

**Use 1 - Table 1. Preventive - Superficial application (automated dipping and automated spraying) - Industrial (Trained professional) users.**

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	Xylazel Total is a solvent based wood protection product, for the preventive protection for transformed wood, used in joinery, furniture and woodwork to prevent the action of wood destroying basidiomycete and blue stain fungi that cause wood decay. Wood protection product for use class 2 according to the European standard EN 335 and EN 599.
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Coniophora puteana, Gloeophyllum trabeum, Poria placenta Common name: Wood rotting basidiomycetes Development stage: .</p> <p>Scientific name: Aureobasidium pullulans. Sclerophoma pithyophila Common name: Blue stain Development stage: .</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Indoor. Use class 2.</p>
<b>Application method(s)</b>	<p>Method: Surface application method Detailed description: Closed system: automated dipping or automated spraying treatment.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: Surface treatment dose: 200 g/m<sup>2</sup>. Dilution (%): . Number and timing of application: .</p>

**Category(ies) of users**

Industrial  
Trained professional

**Pack sizes and packaging material**

Can/Tin-Metal: 0.375, 0.750, 2.5, 4, 5, 25 l.  
  
Drum-Metal: 200 l.  
  
IBC (intermediate bulk container)-Plastic HDPE: 1000 l.

**4.1.1 Use-specific instructions for use**

See general directions for use

**4.1.2 Use-specific risk mitigation measures**

Wear protective chemical resistant gloves and coverall for mixing and loading and protective chemical resistant gloves for application (gloves and coverall material to be specified by the authorisation holder within the product information)..

**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 general directions for use

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

See general directions for use.

**4.1.5 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

### Use 2 - Table 2. Preventive - Superficial application (Spraying) - Industrial (Trained professional) users.

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	Xylazel Total is a solvent based wood protection product, for the preventive protection for transformed wood, used in joinery, furniture and woodwork to prevent the action of wood destroying basidiomycete and blue stain fungi that cause wood decay. Wood protection product for use class 2 according to the European standard EN 335 and EN 599.
Target organism(s) (including development stage)	Scientific name: Coniophora puteana, Gloeophyllum trabeum, Poria placenta Common name: Wood rotting basidiomycetes Development stage: .  Scientific name: Aureobasidium pullulans, Sclerophoma pithyophila Common name: Blue stain Development stage: .
Field(s) of use	Indoor  Indoor. Use class 2.
Application method(s)	Method: Spraying Detailed description: Spraying treatment.
Application rate(s) and frequencies	Application Rate: Surface treatment dose: 200 g/m2 Dilution (%): . Number and timing of application: .
Category(ies) of users	Industrial  Trained professional
Pack sizes and packaging material	Can/Tin-Metal: 0.375, 0.750, 2.5, 4, 5, 25 l.  Drum-Metal: 200 l.  IBC (intermediate bulk container)-Plastic HDPE: 1000 l.  .

#### 4.2.1 Use-specific instructions for use



#### 4.2.1 Use-specific instructions for use

See general directions for use

#### 4.2.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves and coverall for mixing and loading and gloves, coated coverall (PF 95%), and mask (P3) for application, and gloves and impermeable coveralls (PF 90%) for cleaning spray equipment (gloves, coverall and mask material to be specified by the authorisation holder within the product information).

#### 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 general directions for use

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

See general directions for use

#### 4.2.5 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.

### 4.3 Use description

**Use 3 - Table 3. Preventive - Pressure process (automated double vacuum) - Industrial (Trained professional) users.**

#### Product type

PT08 - Wood preservatives (Preservatives)

#### Where relevant, an exact description of the authorised use

Xylazel Total is a solvent based wood protection product, for the preventive protection for transformed wood, used in joinery, furniture and woodwork to prevent the action of wood destroying basidiomycete fungi that cause wood decay. Wood protection product for use class 2 according to the European standard EN 335 and EN 599.

#### Target organism(s) (including development stage)

Scientific name: Coniophora puteana, Gloeophyllum trabeum, Poria placenta  
Common name: Wood rotting basidiomycetes  
Development stage: .

#### Field(s) of use

Indoor

Indoor. Use class 2.

#### Application method(s)

Method: Vacuum pressure or double vacuum autoclave impregnation.

	Detailed description: Vacuum pressure or double vacuum autoclave impregnation..
<b>Application rate(s) and frequencies</b>	Application Rate: Impregnation treatment dose: 53.45 Kg/m3 Dilution (%): . Number and timing of application: .
<b>Category(ies) of users</b>	Industrial  Trained professional
<b>Pack sizes and packaging material</b>	Can/Tin-Metal: 0.375, 0.750, 2.5, 4, 5, 25 l.  Drum-Metal: 200 l.  IBC (intermediate bulk container)-Plastic HDPE: 1000 l

#### 4.3.1 Use-specific instructions for use

See general directions for use

#### 4.3.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves and coverall for mixing and loading and protective chemical resistant gloves and impermeable coverall (FP 90%) for application (gloves and coverall material to be specified by the authorisation holder within the product information).

#### 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 general directions for use

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

See general directions for use

#### 4.3.5 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

##### Use 4 - Table 4. Preventive – Superficial application (Spraying) - Trained professionals users.

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	Xylazel Total is a solvent based wood protection product, for the preventive protection for transformed wood, used in joinery, furniture and woodwork to prevent the action of wood destroying basidiomycete and blue stain fungi that cause wood decay. Wood protection product for use class 2 according to the European standard EN 335 and EN 599.
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Coniophora puteana, Gloeophyllum trabeum, Poria placenta  Common name: Wood rotting basidiomycetes  Development stage: .</p> <p>Scientific name: Aureobasidium pullulans, Sclerophoma pithyophila  Common name: Blue stain  Development stage: .</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Indoor. Use class 2.</p>
<b>Application method(s)</b>	<p>Method: Spraying  Detailed description:  Spraying treatment.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: Surface treatment dose: 200 g/m2.  Dilution (%): .  Number and timing of application:  .</p>
<b>Category(ies) of users</b>	<p>Industrial</p> <p>Trained professional</p> <p>Professional</p>
<b>Pack sizes and packaging material</b>	<p>Can/Tin-Metal: 0.375, 0.750, 2.5, 4, 5, 25 l.</p> <p>Drum-Metal: 200 l.</p> <p>IBC (intermediate bulk container)-Plastic HDPE: 1000 l</p>

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#### 4.4.1 Use-specific instructions for use

See general directions for use

#### 4.4.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves and coverall for mixing and loading, gloves, coated coverall (PF 95%), and mask (P3) for application, and gloves and impermeable coveralls (PF 90%) for cleaning spray equipment (gloves, coverall and mask material to be specified by the authorisation holder within the product information).

#### 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 general directions for use

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

See general directions for use

#### 4.4.5 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.

#### 4.5 Use description

Use 5 - Table 5. Preventive – Superficial application (Brushing) - Trained professional users.

##### Product type

PT08 - Wood preservatives (Preservatives)

##### Where relevant, an exact description of the authorised use

Xylazel Total is a solvent based wood protection product, for the preventive protection for transformed wood, used in joinery, furniture and woodwork to prevent the action of wood destroying basidiomycete and blue stain fungi that cause wood decay. Wood protection product for use class 2 according to the European standard EN 335 and EN 599.

##### Target organism(s) (including development stage)

Scientific name: Coniophora puteana, Gloeophyllum trabeum, Poria placenta  
Common name: Wood rotting basidiomycetes  
Development stage: .

Scientific name: Aureobasidium pullulans, Sclerophoma pithyophila  
Common name: Blue stain  
Development stage: .

**Field(s) of use**

Indoor

Indoor. Use class 2.

**Application method(s)**

Method: Brushing treatment  
Detailed description:

.

**Application rate(s) and frequencies**

Application Rate: Surface treatment dose: 200 g/m<sup>2</sup>.  
Dilution (%): .  
Number and timing of application:

.

**Category(ies) of users**

Trained professional

Professional

**Pack sizes and packaging material**

Can/Tin-Metal: 0.375, 0.750, 2.5, 4, 5, 25 l.  
Drum-Metal: 200 l.  
IBC (intermediate bulk container)-Plastic HDPE: 1000 l

**4.5.1 Use-specific instructions for use**

See general directions for use

**4.5.2 Use-specific risk mitigation measures**

Wear protective chemical resistant gloves and coverall for mixing and loading and gloves and coated coveralls (PF 95%) for brushing (gloves, coverall and mask material to be specified by the authorisation holder within the product information).

**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 general directions for use

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

See general directions for use

#### 4.5.5 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.

### 4.6 Use description

#### Use 6 - Table 6. Preventive– Superficial application (Brushing) – Non-professional users.

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	Xylazel Total is a solvent based wood protection product, for the preventive protection for transformed wood, used in joinery, furniture and woodwork to prevent the action of wood destroying basidiomycete and blue stain fungi that cause wood decay. Wood protection product for use class 2 according to the European standard EN 335 and EN 599.
<b>Target organism(s) (including development stage)</b>	Scientific name: Coniophora puteana, Gloeophyllum trabeum, Poria placenta Common name: Wood rotting basidiomycetes Development stage: .  Scientific name: Aureobasidium pullulans, Sclerophoma pithyophila Common name: Blue stain Development stage: .
<b>Field(s) of use</b>	Indoor  Indoor. Use class 2.
<b>Application method(s)</b>	Method: Brushing treatment Detailed description: .
<b>Application rate(s) and frequencies</b>	Application Rate: Surface treatment dose: 200 g/m2. Dilution (%): . Number and timing of application: .
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Can/Tin-Metal: 0.375, 0.750 l.

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#### 4.6.1 Use-specific instructions for use

See general directions for use
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#### 4.6.2 Use-specific risk mitigation measures

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

See general directions for use
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#### 4.6.5 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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#### 4.7 Use description

##### Use 7 - Table 7. Curative– Superficial application (Brushing) – Non-professional users.

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	Xylazel Total is a solvent based wood protection product, for the preventive protection for transformed wood, used in joinery, furniture and woodwork to prevent the action of wood destroying basidiomycete and blue stain fungi that cause wood decay. Wood protection product for use class 2 according to the European standard EN 335 and EN 599.
<b>Target organism(s) (including development stage)</b>	Scientific name: Hylotrupes bajulus L. Common name: Wood boring beetles Development stage: .

<b>Field(s) of use</b>	Indoor  Indoor.
<b>Application method(s)</b>	Method: Brushing treatment Detailed description: .
<b>Application rate(s) and frequencies</b>	Application Rate: Surface treatment dose: 300 ml/m2. Dilution (%): . Number and timing of application: .
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Can/Tin-Metal: 0.375, 0.750 l.

#### 4.7.1 Use-specific instructions for use

See general directions for use

#### 4.7.2 Use-specific risk mitigation measures

See general directions for use.

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

See general directions for use

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

See general directions for use



#### 4.7.5 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

##### Use 8 - Table 8. Curative – Superficial application (Brushing) – Trained professional users.

###### Product type

PT08 - Wood preservatives (Preservatives)

###### Where relevant, an exact description of the authorised use

Xylazel Total is a solvent based wood protection product, for the curative protection for transformed wood, used in joinery, furniture and woodwork to prevent the action of Wood boring beetles, common furniture beetle and larvae. Wood protection product according to the European standard EN 14128.

###### Target organism(s) (including development stage)

Scientific name: Hylotrupes bajulus: House longhorn beetle  
Common name: Wood boring beetles  
Development stage: Larvae

###### Field(s) of use

Indoor

Indoor.

###### Application method(s)

Method: Brushing treatment  
Detailed description:

.

###### Application rate(s) and frequencies

Application Rate: 300 mL/m<sup>2</sup> for curative treatment  
Dilution (%): .  
Number and timing of application:

.

###### Category(ies) of users

Trained professional

Professional

###### Pack sizes and packaging material

Can/Tin-Metal: 0.357, 0.750, 2.5, 4, 5, 25 l.  
Drum-Metal: 200 l.  
IBC (intermediate bulk container)-Plastic HDPE: 1000 l.

#### 4.8.1 Use-specific instructions for use

The product has a fast action of 12 weeks.

#### 4.8.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves and coverall for mixing and loading and gloves and coated coveralls (PF 95%) for brushing (gloves, coverall material to be specified by the authorisation holder within the product information).

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

See general directions for use

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

See general directions for use

#### 4.8.5 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

##### Use 9 - Table 9. Curative *Anobium punctatum* De Geer - Injection -Trained professional users.

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	Xylazel Total is a solvent based wood protection product, for the curative protection for transformed wood, used in joinery, furniture and woodwork to prevent the action of Wood boring beetles, common furniture beetle and larvae. Wood protection product according to the European standard EN 14128.
<b>Target organism(s) (including development stage)</b>	Scientific name: <i>Anobium punctatum</i> De Geer Common name: Common furniture beetle Development stage: Larvae
<b>Field(s) of use</b>	Indoor  Indoor.
<b>Application method(s)</b>	Method: Injection application via filling of fligh holes. Detailed description:

	.
<b>Application rate(s) and frequencies</b>	Application Rate: 300 mL/m <sup>2</sup> for curative treatment. Dilution (%): . Number and timing of application: 0.4-0.5 mL/hole, 5-7 times..
<b>Category(ies) of users</b>	Trained professional  Professional
<b>Pack sizes and packaging material</b>	Can/Tin-Metal: 0.357, 0.750, 2.5, 4, 5, 25 l. Drum-Metal: 200 l. IBC (intermediate bulk container)-Plastic HDPE: 1000 l.

#### 4.9.1 Use-specific instructions for use

The application by injection into flight holes is intended to treat old furniture attacked by wood boring insects that are painted or varnished, and therefore a surface treatment is not effective.

- Filling of flight holes 5 to 7 times resulting in approx. 0.4 to 0.5 ml (up to 295 ml/m<sup>2</sup>).
- The application rate is not restricted to the number of holes.
- The curative treatment only for *Anobium punctatum* with the method of injection via filling of flight holes has a dose of 300 ml/m<sup>2</sup>.

#### 4.9.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves for application (gloves material to be specified by the authorisation holder within the product information).

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

See general directions for use

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

See general directions for use

#### 4.9.5 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.

#### 4.10 Use description

##### Use 10 - Table 10. Curative *Hylotrupes bajulus* - Injection - Trained professional users.

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	Xylazel Total is a solvent based wood protection product, for the curative protection for transformed wood used in joinery, furniture and woodwork to prevent the action of <i>Hylotrupes bajulus</i> , common furniture beetle and larvae. Wood protection product according to the European standard EN 14128
<b>Target organism(s) (including development stage)</b>	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: House longhorn beetle Development stage: Larvae
<b>Field(s) of use</b>	Indoor  Indoor.
<b>Application method(s)</b>	Method: Injection application via filling of fligh holes. Detailed description: .
<b>Application rate(s) and frequencies</b>	Application Rate: 50 Kg/m <sup>3</sup> Dilution (%): . Number and timing of application: ..
<b>Category(ies) of users</b>	Trained professional  Professional
<b>Pack sizes and packaging material</b>	Can/Tin-Metal: 0.357, 0.750, 2.5, 4, 5, 25 l. Drum-Metal: 200 l. IBC (intermediate bulk container)-Plastic HDPE: 1000 l.

#### 4.10.1 Use-specific instructions for use

##### Injection application.

Pressure injection is only intended for structural timbers with a thickness greater than 7.5 cm.

The injections must be made in the place where the wood is built-in, and they must be in two lines and directed towards the masonry, as close as possible to it, as well as in any pieces of wood in contact with the walls.

Holes should be drilled in staggered rows on the facing or in line with the edges. The distance between two holes must be no more than 30 cm (15 cm between the holes above and below).

The holes must be drilled at 2/3 the thickness or height of the timber and have a diameter of 9.5 mm. The drills must not leave more than 60 mm at the bottom of the wells.

For pieces of wood thicker than 20 cm where half the perimeter is greater than 30 cm, the wood must be drilled on both sides (double-injection) to ensure that the liquid has better access to the insects and that the wooden structure does not weaken. Holes should be drilled also in staggered rows at a distance of 30 cm.

The holes from one side should be done contrary from the other side, so that they do not coincide in height. If one is up the other must be down and vice versa.

The depth of the holes is half the thickness of the piece of wood and have a diameter of 9.5 mm. It is not necessary to drill the duramen.

Therefore, in 1 m<sup>3</sup> (o 106 cm<sup>3</sup>), 50Kg of product must be included to be able to support de curative efficacy.

Each hole should be filled with an approximate amount of 206 g of product.

#### 4.10.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves for application (gloves material to be specified by the authorisation holder within the product information).

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

See general directions for use

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

See general directions for use

#### 4.10.5 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.

### 5. General directions for use

### 5.1. Instructions for use

Read attached instructions before use.

It must not be mixed with other chemical products.

It cannot be applied to wood intended to be in contact with food.

The labelling of the product shall be including the sentence: Use biocides safely. Always read the label and product information before use.

Aerate adequately the place where the product is applied.

Product can be used to treat soft woods

### 5.2. Risk mitigation measures

Impregnated wood must not be in contact with food or feedstuffs.

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. Appropriate protective measures must be taken if necessary.

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

- Likely direct or indirect adverse effects:

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112/ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.

After inhalation of substances that could cause irritation/breathing difficulties, it is important to keep the person at rest because extensive body labour could make the symptoms more severe.

Many persons promptly experience serious breathing difficulties and need medical assistance on their way to the hospital. It is important to call a poison centre or a doctor even if no initial symptoms occur because there may be delayed pronounced symptoms, sometimes without initial indications.

IF SWALLOWED: Rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call a POISON CENTRE or a doctor.

To decrease symptoms, rinsing of the mouth. The type of drink is not specified as it is of lower importance than having something to drink.

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

The applicator can add soap for skin decontamination in relevant cases if the product is less water soluble. If irritation occurs the skin should be washed and medical advice should be sought.

IF IN EYES: Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Call a POISON CENTRE or a doctor.

- First aid measures:

- Relocate the individual from the exposure source and remove any contaminated/spattered clothing articles, avoiding exposure to yourself and others.

- Keep the individual calm and at rest, conserve body temperature and control breathing. If necessary, check for pulse and initiate artificial respiration

- If unconscious; place individual in left sideways position with the head lowered and the knees bent

- If necessary take the person to a healthcare center, bring packaging or label whenever possible

NEVER LEAVE THE AFFECTED INDIVIDUAL UNATTENDED

- Advice for medical and healthcare personnel:

- Monitor vital signs and provide symptomatic and supportive treatment.

WHEN ASKING FOR MEDICAL ADVICE KEEP PACKAGING OR LABEL AT HAND AND CALL YOUR LOCAL POISON CONTROL CENTER [INSERT LOCAL NUMBER HERE].

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

### Trained professionals

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 to Decision 2014/955 / EU.

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

### Non-professionals

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

Do not release to 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

Store the product between 5°C and 30°C.

Avoid sources of heat, radiation and static electricity.

Keep the container closed.

Shelf-life: 2 years

## 6. Other information

Packaging of product supplied to the general public shall be fitted with child-resistant fastenings and a tactile warning of danger.

Definitions:

Industrial (Trained professionals) and Trained professionals: pest control operators, having received specific training in management of biocidal products according to the national legislation in force.

General public (non-professional user): Users who are not professionals and who apply the product in the context of their private life.