

# Summary of product characteristics for a biocidal product

**Product name:** XILIX 1000 P

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

PT08 - Wood preservatives (Preservatives)

**Authorisation number:** BE2018-0003

**R4BP 3 asset reference number:** BE-0014664-0000

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## Administrative information

### 1.1. Trade names of the product

XILIX 1000 P
XYLOFOR CTE 1000

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	BERKEM DEVELOPPEMENT
	Address	Marais Ouest 24680 Gardonne France
<b>Authorisation number</b>	BE2018-0003	
<b>R4BP 3 asset reference number</b>	BE-0014664-0000	
<b>Date of the authorisation</b>	09/11/2018	
<b>Expiry date of the authorisation</b>	08/03/2028	

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

<b>Name of the manufacturer</b>	ADKALIS
<b>Address of the manufacturer</b>	Marais Ouest F-24680 Gardonne France
<b>Location of manufacturing sites</b>	Marais Ouest F-24680 Gardonne France

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

<b>Active substance</b>	1342 - Permethrin
<b>Name of the manufacturer</b>	LANXESS Deutschland GmbH
<b>Address of the manufacturer</b>	Kennedyplatz 1 D-50569 Köln Germany
<b>Location of manufacturing sites</b>	Bayer Vapi Private Limited, Plot # 306/3 II Phase, GIDC Vapi – 396 195 Gujarat India

<b>Active substance</b>	1342 - Permethrin
<b>Name of the manufacturer</b>	TAGROS Chemicals India Ltd
<b>Address of the manufacturer</b>	Marshalls road, Egmore Chennai-600 008 Tamil Nadu India
<b>Location of manufacturing sites</b>	A4 / 1 & 2 SIPCOT INDUSTRIAL COMPLEX, PACHAYANKUPPAM 607 005 CUDDALORE Tamil Nadu India

## 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 (%)
Permethrin		Active Substance	52645-53-1	258-067-9	3,5
Alcohol C11, ethoxylated	C11-Oxoalcohol, ethoxylated		127036-24-2	931-927-7	5,34

### 2.2. Type of formulation

ME - Micro-emulsion
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## 3. Hazard and precautionary statements

<b>Hazard statements</b>	<p>May cause an allergic skin reaction.</p> <p>Causes serious eye damage.</p> <p>Very toxic to aquatic life with long lasting effects.</p>
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## Precautionary statements

Avoid release to the environment.

Wear protective gloves.

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.

Collect spillage.

Dispose of contents to be in accordance with local, regional, national and international regulations.

Wear eye protection.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Preventive treatment

##### Product type

PT08 - Wood preservatives (Preservatives)

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

The XILIX 1000 P product is effective against wood-destroying insects including termites in preventive treatment.

##### 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: Termites  
Development stage: Adults

##### Field(s) of use

Indoor

Use class 1: situation in which the wood or wood-based product is inside a construction, not exposed to the weather and wetting

##### Application method(s)

low pressure aspersion -  
The product can be applied by low pressure aspersion for preventive treatment.  
The application rate is 100 g/m<sup>2</sup>.

For insecticide action the product is intended to be diluted at 2.9% w/w in water (env. 30 times dilution). This corresponds to 0.1 g of permethrin/m<sup>2</sup>.  
For termiticide action the product is intended to be diluted at 5.7% w/w (env. 17.5 times dilution). This corresponds to the efficacious dose is 0.2 g of permethrin per square meter of wood.

	<p>These are indicative values, that shall be adapted according the type of wood, the product absorption ability and inherent parameters of application.</p> <p>The fixation step, following the application is at minimum 4 hours. The treated wood has to be dried during 24 to 48 hours in ventilated place.</p>
<p><b>Application rate(s) and frequencies</b></p>	<p>100 g/m<sup>2</sup> - 2.9% - 5.7% - 1 to 3 applications distant of 15 to 30 minutes.</p>
<p><b>Category(ies) of users</b></p>	<p>Professional</p>
<p><b>Pack sizes and packaging material</b></p>	<p>Can /Tin, Plastic: HDPE , 0.5L Can /Tin, Plastic: HDPE , 1L Can /Tin, Plastic: HDPE , 2.5L Can /Tin, Plastic: HDPE , 5L Can /Tin, Plastic: HDPE , 6L Drum, Plastic: HDPE , 25L Drum, Plastic: HDPE , 60L Drum, Plastic: HDPE , 220L IBC (intermediate bulk container), Plastic: HDPE , 640L IBC (intermediate bulk container), Plastic: HDPE , 1000L</p> <p>Bucket, Metallic : 22 L</p>

#### 4.1.1 Use-specific instructions for use

<p>Read information available on the product Label and Material Safety Data Sheet.</p> <p>The product can be applied by low pressure aspersion for preventive treatment. The application rate is 100 g/m<sup>2</sup>.</p> <p>The product is intended to be diluted at 2.9% w/w in water (env. 30 times dilution) for use class 1 – insecticide in preventive treatment. This corresponds to 0.110 g of permethrin per square meter of wood. The product is intended to be diluted at 5.7% w/w in water (env. 17.5 times dilution) for use class 1 – termiticide preventive treatment. This corresponds to 0.2 g of permethrin per square meter of wood.</p> <p>The fixation step, following the application is at minimum 4 hours.</p> <p>The treated wood has to be dried during 24 to 48 hours in ventilated place.</p>
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#### 4.1.2 Use-specific risk mitigation measures

<p>Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).</p>
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Wear impermeable coverall during product handling phase (norms specified by the authorisation holder within the product information). In addition, wear safety goggles when handling concentrated product.

Do not apply the product on wood which may come into contact with food, feedstuff or livestock.

Contain permethrin (pyrethroids), may be lethal to cats. Cats must avoid contact with treated object/area.

#### **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**

First aid in general:

Move the affected person into fresh air. Keep warm and at rest. In case of suspected poisoning, you must immediately call a doctor. Tell the doctor that no specific antidote is known, a symptomatic treatment is necessary. NEVER give anything by the mouth to an unconscious person.

General safety and hygiene measures:

Observe the precautions generally taken with chemicals.

In case of contact with eyes:

Wash thoroughly with soft, clean water during 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In case of skin contact:

In case of allergic reaction, seek a medical advice.

Remove contaminated clothing and shoes and wash thoroughly contaminated body parts and hair with soap and water. Destroy or thoroughly clean the soiled clothes and shoes before each re-use.

Do not discharge the product into drains or into the environment. Prevent entry into waters or soil.

Contain spills by covering with absorbing material.

Store absorbing material used to absorb spills in drums for waste disposal.

Prevent all product entry into drains or waterways.

Place containers or drums for disposal of waste recovered in accordance with applicable regulations.

If the product contaminates waterways, lakes, rivers or drains, alert the competent authorities in accordance with regulatory procedures into force.

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

Completely empty containers. The product residue, washing water, packaging and any other waste related to the treatment should be considered as hazardous waste.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste; do not dispose of waste into the environment.

Dispose of empty containers in an incinerator approved for chemicals by the competent authorities. Damaged containers should be placed in specially marked larger ones. Check possibilities of recycling large empty containers.

Codes of wastes (Decision 2001/573/EC; Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste): 030205 other wood preservatives containing dangerous substances.

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

Keep the product in well closed original package on impermeable hard standing in a dry and well ventilated place, away from food.

Protect from light and humidity.

Shelf-life of the product under normal conditions of storage: 2 years.

## 4.2 Use description

### Use 2 - Curative treatment

<b>Product type</b>	PT08 - Wood preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	The Xilix 1000P product is effective against wood-destroying insects including termites in curative treatment.
<b>Target organism(s) (including development stage)</b>	Scientific name: Hylotrupes bajulus L. Common name: House longhorn beetle Development stage: Larvae  Scientific name: Lyctus brunneus Common name: Powder post beetles Development stage: Larvae  Scientific name: Anobium punctatum De Geer Common name: Common furniture beetle Development stage: Larvae
<b>Field(s) of use</b>	Indoor  wood in condition of use class 1
<b>Application method(s)</b>	<p>In situ spraying - The product can be applied by low pressure aspersion for curative treatment.</p> <p>The application rate is 300 ml/m<sup>2</sup>. The product is intended to be diluted at 10% w/w in water (10 times dilution). This corresponds to 1.1 g of permethrin per square meter of wood. These are indicative values, that shall be adapted according the type of wood, the product absorption ability and inherent parameters of application.</p> <p>The fixation step, following the application is at minimum 4 hours. The treated wood has to be dried during 24 to 48 hours in ventilated place.</p> <p>In situ injection - The product can be applied by injection for curative treatment. the injection mode of application is intended to be used only in combination with superficial application.</p> <p>parameters are: 20 ml/hole, 3holes/meter, 9 holes/m<sup>2</sup></p> <p>The fixation step, following the application is at minimum 4 hours. The treated wood has to be dried during 24 to 48 hours in ventilated place.</p>
<b>Application rate(s) and frequencies</b>	300 g/m <sup>2</sup> - 10 - 1 to 3 applications distant of 15 to 30 minutes.  20 ml/hole - 10 - 1 application (20 ml of diluted product/hole, 3holes/meter, 9 holes/m <sup>2</sup> ).



**Category(ies) of users**

Professional

**Pack sizes and packaging material**

Can /Tin, Plastic: HDPE , 0.5L  
Can /Tin, Plastic: HDPE , 1L  
Can /Tin, Plastic: HDPE , 2.5L  
Can /Tin, Plastic: HDPE , 5L  
Can /Tin, Plastic: HDPE , 6L  
Drum, Plastic: HDPE , 25L  
Drum, Plastic: HDPE , 60L  
Drum, Plastic: HDPE , 220L  
IBC (intermediate bulk container), Plastic: HDPE , 640L  
IBC (intermediate bulk container), Plastic: HDPE , 1000L

Bucket, Metallic : 22 L

**4.2.1 Use-specific instructions for use**

Read information available on the product Label and Material Safety Data Sheet.

The product can be applied by low pressure aspersion and injection for curative treatment. The injection mode of application is to be used only in combination with superficial treatment.

The application rate is 300 ml/m<sup>2</sup> for the product diluted at 10 % (env. 10 times dilution). This corresponds to 1.1 g of permethrin per square meter of wood.

The fixation step, following the application is at minimum 4 hours.

The treated wood has to be dried during 24 to 48 hours in ventilated place.

**4.2.2 Use-specific risk mitigation measures**

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

Wear impermeable coverall during product handling phase (norms specified by the authorisation holder within the product information). In addition, wear safety goggles when handling concentrated product.

Do not apply the product on wood which may come into contact with food, feedstuff or livestock.

Contain permethrin (pyrethroids), may be lethal to cats. Cats must avoid contact with treated object/area.

**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**

First aid in general:

Move the affected person into fresh air. Keep warm and at rest. In case of suspected poisoning, you must immediately call a doctor.

Tell the doctor that no specific antidote is known, a symptomatic treatment is necessary. NEVER give anything by the mouth to an unconscious person.

General safety and hygiene measures:

Observe the precautions generally taken with chemicals.

In case of contact with eyes:

Wash thoroughly with soft, clean water during 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In case of skin contact:

In case of allergic reaction, seek a medical advice.

Remove contaminated clothing and shoes and wash thoroughly contaminated body parts and hair with soap and water. Destroy or thoroughly clean the soiled clothes and shoes before each re-use.

Do not discharge the product into drains or into the environment. Prevent entry into waters or soil.

Contain spills by covering with absorbing material.

Store absorbing material used to absorb spills in drums for waste disposal.

Prevent all product entry into drains or waterways.

Place containers or drums for disposal of waste recovered in accordance with applicable regulations.

If the product contaminates waterways, lakes, rivers or drains, alert the competent authorities in accordance with regulatory procedures into force.

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

Completely empty containers. The product residue, washing water, packaging and any other waste related to the treatment should be considered as hazardous waste.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste; do not dispose of waste into the environment.

Dispose of empty containers in an incinerator approved for chemicals by the competent authorities. Damaged containers should be placed in specially marked larger ones. Check possibilities of recycling large empty containers.

Codes of wastes (Decision 2001/573/EC; Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste): 030205 other wood preservatives containing dangerous substances.

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

Keep the product in well closed original package on impermeable hard standing in a dry and well ventilated place, away from food.

Protect from light and humidity.

Shelf-life of the product under normal conditions of storage: 2 years.

### **5. General directions for use**

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

See 4.1.1

## 5.2. Risk mitigation measures

See 4.1.2

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

See 4.1.3

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

See 4.1.4

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

See 4.1.5

## 6. Other information