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*ANNEX*

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

AXIL 3000 P

**Product type(s)**

PT08: Wood preservatives

**Authorisation number:** BE2018-0023

**R4BP asset number:** BE-0014662-0000

## 1. ADMINISTRATIVE INFORMATION

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

Trade name(s)	AXIL 3000 P RESISTOL 6218 SARPALO 910 SARPECO 910
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	BERKEM DEVELOPPEMENT
	Address	643 ROUTE DE GAGEAC 24680 Gardonne France
Authorisation number		BE2018-0023
<i>R4BP asset number</i>		BE-0014662-0000
Date of the authorisation		09/01/2019
Expiry date of the authorisation		28/07/2025

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

Name of manufacturer	ADKALIS
Address of manufacturer	Marais Ouest 24680 Gardonne France
Location of manufacturing sites	ADKALIS site 1 Marais Ouest 24680 Gardonne France

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

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	LANXESS Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 D-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

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	TROY Chemical Company BV
Address of manufacturer	Uiverlaan 12e 3140 AC Maasluis Netherlands (the)
Location of manufacturing sites	TROY Chemical Company BV site 1 One Avenue L Newark 07105 New Jersey United States (the)

Active substance	1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of manufacturer	LANXESS Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 D-50569 Köln Germany
Location of manufacturing sites	LANXESS Deutschland GmbH site 1 Syngenta Crop Protection AG. CH-1870 Monthey Switzerland

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 North Area of Dongsha Chem-Zone Zhangjiagang 215600 Jiangsu China

Active substance	tebuconazole
Name of manufacturer	LANXESS Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 D-50569 Köln Germany
Location of manufacturing sites	LANXESS Deutschland GmbH site 1 Bayer CropScience Corp. Hawthorn Road, P.O. Box 4913 MO 64120-001 Kansas City United States (the)

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

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

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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 (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,75
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)		active substance	60207-90-1	262-104-4	0,75
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	0,75
Permethrin		active substance	52645-53-1	258-067-9	1
Alcohol C11, ethoxylated	C11-Oxoalcohol, ethoxylated	Non-active substance	127036-24-2	931-927-7	3,56

### 2.2. Type(s) of formulation

ME Micro-emulsion

### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.
Precautionary statements	P261: Avoid breathing spray. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves. P280: Wear eye protection. P280: Wear face protection. P280: Wear protective clothing. P302+P352: IF ON SKIN: Wash with plenty of water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER. P321: Specific treatment (see . on this label). P333+P313: If skin irritation or rash occurs: Get medical advice. P362+P364: Take off contaminated clothing and wash it before reuse. P391: Collect spillage. P501: Dispose of contents to be in conformity with local, national and international regulatory rules. P501: Dispose of container to be in conformity with local, national and international regulatory rules.

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1. Preventive treatment**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	The Axil 3000 P product is effective against wood-destroying insects including termites and wood destroying fungi (white rot and brown rot fungi) in preventive treatment.
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: wood boring insects  Common name: wood boring beetles  Development stage: larvae</p> <p>Scientific name: <i>Reticulitermes</i> sp.  Common name: termites  Development stage: no data</p> <p>Scientific name: <i>Coniophora puteana</i>  Common name: wood rotting fungi  Development stage: no data</p> <p>Scientific name: <i>Poria placenta</i>  Common name: wood rotting fungi  Development stage: no data</p> <p>Scientific name: <i>Gloeophyllum trabeum</i>  Common name: wood rotting fungi  Development stage: no data</p> <p>Scientific name: <i>Coriolus versicolor</i>  Common name: wood rotting fungi  Development stage: no data</p>
Field(s) of use	<p>indoor use  outdoor use</p> <p>- Use class 1: situation in which the wood or wood-based product is inside a construction, not exposed to the weather and wetting -  Use class 2: situation in which the wood or wood-based product is under cover and not exposed to the weather (particularly rain and driven rain) but where occasional, but non persistent, wetting can occur -  Use class 3: situation in which wood or wood-based product is above ground and exposed to the weather (particularly rain). Use in use class 3 is limited to use class 3.1: wood or wood-based products will not remain wet for long periods. Water will not accumulate.</p>
Application method(s)	<p>Method: Fully automated dipping</p> <p>Detailed description: The product AXIL 3000 P could be applied for a surface treatment by fully automated dipping. Method: Automated spraying</p>

	Detailed description: The product AXIL 3000 P could be applied for a surface treatment by automated spraying.
Application rate(s) and frequency	<p>Application rate: 100 g/m<sup>2</sup></p> <p>Dilution (%): The product is intended to be diluted 10% w/w in water for use classes 1 and 2 for softwood and hardwood, 10% w/w in water for use class 3.1 for softwood only and 19.2% w/w in water for use class 3.1 for hardwood.</p> <p>Number and timing of application: 1 application of max. 1 hour.</p> <p>Application rate: 100 g/m<sup>2</sup></p> <p>Dilution (%): The product is intended to be diluted 10% w/w in water for use classes 1 and 2 for softwood and hardwood, and 10% w/w in water for use class 3.1 for softwood only.</p> <p>Number and timing of application: 1 application</p>
Category(ies) of users	professional
Pack sizes and packaging material	<p>Can /Tin, Plastic: HDPE , 25L</p> <p>Drum, Plastic: HDPE , 60L</p> <p>Drum, Plastic: HDPE , 220L</p> <p>IBC (intermediate bulk container), Plastic: HDPE , 640L</p> <p>IBC (intermediate bulk container), Plastic: HDPE , 1000L</p>

#### 4.1.1. Use-specific instructions

The product AXIL 3000 P can be applied for surface treatment by fully automated dipping and automated spraying.

The application rate is 100 g/m<sup>2</sup> of the diluted product.

For application by fully automated dipping, the product is intended to be diluted 10% w/w in water for use classes 1 and 2 for softwood and hardwood, 10% w/w in water for use class 3.1 for softwood only and 19.2% w/w in water for use class 3.1 for hardwood.

For application by automated spraying, the product is intended to be diluted 10% w/w in water for use classes 1 and 2 for softwood and hardwood, and 10% w/w in water for use class 3.1 for softwood only.

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.

Wood intended to be used in outdoors has to be protected by a resistant paint or varnish.

Precautions of use:

Wood pieces to be treated should have a moisture < 50 %.

Frozen wood must not be treated.

Wood treatment is not allowed on wood that come into contact with food- and feedstuffs.

A preliminary test has to be done for treatment of exotic or tannin-rich woods.

Further cuts and notches must be treated.

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

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

Appropriate and suitable personal protective equipment (PPE) is required: chemical resistant gloves and impermeable coverall:

- 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).

Contact with the skin is to be avoided as the product may produce an allergic reaction.

Do not combine different types of application.

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.

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

The biocidal product may only be applied to wood, which will not be used above or close to surface waters.

The freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing or both to prevent direct losses to soil, sewer or water.

Application should be conducted within a contained area on impermeable hard standing with bunding and any losses from the application of the product should be collected for reuse or disposal.

A non-biocidal topcoat must be applied on treated wood used outdoor, above ground (use class 3.1) to avoid leaching of active substances.

#### **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**

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.

If inhaled:

In case of massive inhalation move the patient into the fresh air and keep warm and at rest.

If breathing is irregular or stopped, administer artificial respiration and call a doctor. Give nothing by the mouth.

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.



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

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.

IF ON SKIN: Wash with plenty of water

In case of swallowing:

If the swallowed quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Remain at rest. Do not induce vomiting.

Consult a doctor and show him the label.

In case of accidentally swallowing, call a doctor to judge the necessity for monitoring and for a subsequent treatment in hospital. Show the label.

Emergency measures to protect the environment:

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.

#### **4.1.5. 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.

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

Storage conditions: Keep container tightly closed in original package in a dry and well-ventilated place. Protect from light.

The contact with oxidizing agents has to be avoided.

At ambient temperature the product has a long term stability for 24 months and is stable under cold and accelerated storage conditions.

## 4.2. Use description

**Table 2. Curative treatment**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	The Axil 3000 P product is effective against wood-destroying insects in curative treatment on softwood.
Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: Wood boring beetle Development stage: larvae  Scientific name: <i>Anobium punctatum</i> De Geer Common name: Wood boring beetles Development stage: larvae
Field(s) of use	indoor use  - In conditions of “Use class 1”: situation in which the wood or wood-based product is inside a construction, not exposed to the weather and wetting - In conditions of “Use class 2”: situation in which the wood or wood-based product is under cover and not exposed to the weather (particularly rain and driven rain) but where occasional, but non persistent, wetting can occur
Application method(s)	Method: Spraying, brushing or brushing and injection  Detailed description: The product AXIL 3000 P could be applied by spraying or brushing or brushing and injection on softwood.
Application rate(s) and frequency	Application rate: The application rate is 300 ml/m <sup>2</sup> for a product diluted at 35% in water  Dilution (%): -  Number and timing of application: -
Category(ies) of users	professional
Pack sizes and packaging material	Can /Tin, Plastic: HDPE , 25LDrum, Plastic: HDPE , 60LDrum, Plastic: HDPE , 220LIBC (intermediate bulk container), Plastic: HDPE , 640LIBC (intermediate bulk container), Plastic: HDPE , 1000L

### 4.2.1. Use-specific instructions

For the professional user category, the product can be applied by spraying, brushing, brushing + injection for curative treatment with the application rate of 300 ml/m<sup>2</sup>.

For injection the parameters are : 20 ml of diluted product/ hole, 3holes/meter, 9holes/m<sup>2</sup>.

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

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The treated wood has to be dried during 24 to 48 hours in ventilated place  
If wood is treated outdoors, cover the ground (e.g. by tarpaulin) to prevent losses and dispose of in a safe way.  
This biocidal product contains Permethrin which is dangerous to bees.  
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.

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

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

Appropriate and suitable personal protective equipment (PPE) is required: chemical resistant gloves, and impermeable coverall:

- 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).

For spraying, an additional personal protective equipment – RPE with a protection factor of 4 is required.

- Wear protective respiratory equipment (RPE) with protection factor 4 during product handling phase (material to be specified by the authorisation holder within the product information)

Contact with the skin is to be avoided as the product may produce an allergic reaction.

Treatments performed by injection must always be combined with treatments applied by brushing

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

#### **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**

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.

If inhaled:

In case of massive inhalation move the patient into the fresh air and keep warm and at rest.

If breathing is irregular or stopped, administer artificial respiration and call a doctor. Give nothing by the mouth.

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.

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

Continue rinsing.

In case of skin contact:

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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.

IF ON SKIN: Wash with plenty of water

In case of swallowing:

If the swallowed quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Remain at rest. Do not induce vomiting.

Consult a doctor and show him the label.

In case of accidentally swallowing, call a doctor to judge the necessity for monitoring and for a subsequent treatment in hospital. Show the label.

Emergency measures to protect the environment:

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.

#### **4.2.5. 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.

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

Storage conditions: Keep container tightly closed in original package in a dry and well-ventilated place. Protect from light.

The contact with oxidizing agents has to be avoided.

At ambient temperature the product has a long term stability for 24 months and is stable under cold and accelerated storage conditions

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

### **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

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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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## 6. OTHER INFORMATION