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***ANNEX***

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

AXIL 2000

**Product type(s)**

PT08: Wood preservatives

**Authorisation number: 550-10**

**R4BP asset number: DK-0011228-0000**

## 1. ADMINISTRATIVE INFORMATION

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

Trade name(s)	AXIL 2000
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	Berkem SAS
	Address	Marais Ouest 24680 Gardonne France
Authorisation number		550-10
<i>R4BP asset number</i>		DK-0011228-0000
Date of the authorisation		28/07/2015
Expiry date of the authorisation		31/12/2025

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

Name of manufacturer	SARPAP & CECIL INDUSTRIES SAS - BERKEM GROUP
Address of manufacturer	Marais Ouest F-24680 Gardonne France
Location of manufacturing sites	Marais Ouest F-24680 Gardonne France

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

Active substance	tebuconazole
Name of manufacturer	LANXESS Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 D-50568 Köln Germany
Location of manufacturing sites	P.O. Box 4913; Hawthorn Road MO 64120-001 Kansas City 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-50568 Köln Germany
Location of manufacturing sites	Schwarzwaldallee 215 CH-4002 Basel Switzerland

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	LANXESS Deutschland GmbH
Address of manufacturer	Kennedyplatz 1 D-50568 Köln Germany
Location of manufacturing sites	Dengta Jiazhu Rd 201815 District Shanghai China

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	TROY CORPORATION
Address of manufacturer	8 Vreeland Road 07932 Florham Park, New Jersey United States (the)

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Location of manufacturing sites	One Avenue L 07105 Newark , New Jersey United States (the)
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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 (%)
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
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
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,75

### 2.2. Type(s) of formulation

ME Micro-emulsion

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### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H317: May cause an allergic skin reaction.  H412: Harmful to aquatic life with long lasting effects.
Precautionary statements	P101: If medical advice is needed, have product container or label at hand.  P102: Keep out of reach of children.  P261: Avoid breathing mist.  P280: Wear protective gloves.  P273: Avoid release to the environment.  P302+P352: IF ON SKIN: Wash with plenty of water.  P333+P313: If skin irritation or rash occurs: Get medical advice.  P501: Dispose of contents to be in accordance with regional/ national regulations.  P362+P364: Take off contaminated clothing and wash it before reuse.

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1. Preventive treatment of construction wood**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Wood preservative intended to preventive treatment of construction wood (joinery: window frames, sidings,...) (UC3) against brown rotting fungi (G.10). For exterior use, treated wood has to be coated by a top coat. Axil 2000 is compatible with all types of finishes.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes : Coniophora puteana Common name: brown rot fungi Development stage: spores and spore producing structures  Scientific name: Basidiomycetes : Gloeophyllum trabeum Common name: brown rot fungi Development stage: spores and spore producing structures  Scientific name: Basidiomycetes : Poria placenta Common name: brown rot fungi Development stage: spores and spore producing structures
Field(s) of use	outdoor use
Application method(s)	Method: automated spraying and flow-coating  Detailed description: The treatment is performed by surface application : automated spraying and flow-coating (deluge). The treatment effect is immediate and optimal at the fixation step. Mix well the product before application.
Application rate(s) and frequency	Application rate: 120 g/m <sup>2</sup> of ready to use (RTU) product  Dilution (%): 10  Number and timing of application: 1 application.
Category(ies) of users	industrial
Pack sizes and packaging material	IBC (intermediate bulk container), Plastic: HDPE , 1000 L

#### 4.1.1. Use-specific instructions

The treatment is performed by surface application (automated spraying and flow-coating). The ready-for-use product is prepared with water by mild stirring. Axil 2000 is miscible in any proportions with water and easily homogenisable. The concentration of the ready-for-use preparation can be checked with a refractometer.

Precautions of use:

Wood pieces to be treated should have a moisture < 25 %

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.

For an exterior use, the use class 3-treated wood has to be coated.

Cleaning:

After use, rinse equipment with water.

Drying time – fixation:

Fixation: 4 h after dripping under cover on waterproof area.

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Treated wood has to be drained above a dip tray so that the drip-off liquid can be collected. Treated wood is considered as drained as soon as the wood doesn't drip anymore.

Drying time: from 24 to 48 h in well ventilated place and normal conditions.

The wood, after treatment, must be systematically stored in an area sheltered from bad weather for 24 hours minimum and should not be exposed to the bad weathering conditions until it finds its service moisture.

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

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

Read the information available in the Material Safety Data Sheet.

Use biocides safely. Always read the label and product information before use.

See also precautionary statements as part of the classification and labelling of the product.

Handling:

Good standards of hygiene should be maintained at all times.

Avoid contact with skin, eyes and clothes.

Avoid inhalation of fog and vapours.

Do not eat, drink, and smoke while working.

Appropriate and suitable personal protective equipment (PPE) is needed (gloves, impermeable coverall). Further specification of the type of PPE to be used is given later in the section.

It needs to be emphasized that contact with the skin is to be avoided due to the product's skin sensitising potential.

Personal protection equipment:

Skin and body: Personnel needs to wear impermeable coveralls which provide a high degree of protection against heavy contamination by being relatively resistant to the penetration of the biocide through the material of which the coverall is made, and wear heavy duty shoes or boots. Change working clothes every day.

Hands: For prolonged or repeated handling, use the following type of gloves: Recommended: latex, neoprene, nitrile. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

Storage:

Keep the original container tightly closed and in a dry place, away from light and moisture.

Store in standard conditions of temperature (frost-free)

Ensure adequate ventilation of the storage area.

Keep away from food, drink and animal feeding stuffs.

Environment:

The product residue, washing water, packaging and any other waste related to the treatment should be considered as hazardous waste and disposed according to national or regional regulation.

During the entire period of storage, it is necessary to ensure that no constituents of the product reaches the ground or water.

Do not empty residues into drains and waterways.

No risks associated with industrial application and storage have been considered and it is assumed that RMM such as bunding and recycling / collection of waste will ensure only small losses to the environment.

As a precautionary measure the application processes and storage of freshly treated wood at industrial sites and joineries 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

A top coat is required after the treatment with Axil 2000.

The labels and/or safety data sheets of the product shall indicate that freshly treated timber must be stored after treatment under shelter or on impermeable hard standing to prevent direct losses to soil or water and that any losses must be collected for reuse or disposal.

#### **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:

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

General safety and hygiene measures:

Observe the precautions generally taken with chemicals.

In the event of exposure by inhalation:

If inhaled (vapour/mist) during application. Remove person to fresh air, keep warm and at rest. Call a Poison Center or doctor/physician if person feels unwell.

In the event of dust formed by mechanical action (sanding, sawing, etc...), this dust may cause irritation by inhalation and contact with eyes. If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still. If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor. Do not give the patient anything orally.

In the event of eye exposure:

Rinse immediately with plenty of water (tepid if possible) for 15 minutes while holding the eyelids apart.

Remove any contact lenses if present.

Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

In the event of dermal exposure:

In the event of splashes or contact with skin, remove contaminated clothes and shoes, and rinse or wash with soap and water all affected parts of the body including hair. Destroy or wash entirely all contaminated clothes and shoes before each re-use.

In the event of oral exposure:

If swallowed, rinse the mouth with water and seek medical advice (immediately).

Note to physician:

No specific antidote known. Symptomatic treatment

Emergency measures to protect the environment

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

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways. Use drums to dispose of waste recovered in accordance with applicable regulations.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

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

Empty containers completely. 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**

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

Keep the original container tightly closed and in a dry place, away from light and moisture.

Store in standard conditions of temperature (frost-free)

Ensure adequate ventilation of the storage area.

Keep away from food, drink and animal feeding stuffs.



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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**

Precautionary statements:

P261: Avoid breathing mist/spray.

P280: protective gloves/protective clothing/ eye protection/ face protection (impermeable coverall).

P501: Dispose of contents and container in accordance with regional/ national regulations.

Please Refer to the "Bilag 1" of the Danish authorisation for further information regarding label text for products placed on the Danish marked.