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***ANNEX***

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

**FKR-EXTRA**

**Product type(s)**

PT08: Wood preservatives

**Authorisation number:** ES/APP(NA)-2024-08-00930

**R4BP asset number:** ES-0031848-0000

## 1. ADMINISTRATIVE INFORMATION

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

Trade name(s)	FKR-EXTRA
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	FKR QUÍMICA S.L
	Address	CTRA. MORELLA KM 0,7 - NAVE 2 12500 VINAROS Spain
Authorisation number	ES/APP(NA)-2024-08-00930	
<i>R4BP asset number</i>	ES-0031848-0000	
Date of the authorisation	16/04/2024	
Expiry date of the authorisation	16/04/2029	

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

Name of manufacturer	FKR QUIMICA SL
Address of manufacturer	CTRA. ULLDECONA Nº 34 - NAVE 23-25 12500 12500 Vinaroz- CASTELLÓN Spain
Location of manufacturing sites	FKR QUIMICA SL site 1 CTRA. ULLDECONA Nº 34 - NAVE 23-25 12500 – VINAROS 12500 Vinaroz - CASTELLÓN Spain

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

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	LANXESS Deutschland GmbH Material Protection Products
Address of manufacturer	Kennedypl. 1, 50569 Koln Germany
Location of manufacturing sites	LANXESS Deutschland GmbH Material Protection Products site 1 No.3, ShangDe Road (SHAOWU HUILONG NEW MATERIAL CO., LTD.) Jintang Industrial Park Shao Wu, Fujian China

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 Material Protection Products
Address of manufacturer	Kennedypl. 1 50569 Koln Germany
Location of manufacturing sites	LANXESS Deutschland GmbH Material Protection Products site 1 CH-1870 (Syngenta Crop Protection AG) CH-1870 Monthey Switzerland

Active substance	tebuconazole
Name of manufacturer	LANXESS Deutschland GmbH Material Protection Products

Address of manufacturer	Kennedypl. 1 50569 Koln Germany
Location of manufacturing sites	LANXESS Deutschland GmbH Material Protection Products site 1 P.O. Box 4913 Hawthorn Road, Kansas City (Bayer CropScience Corp.) MO 64120 - 001 Kansas City United States (the)

Active substance	Permethrin
Name of manufacturer	LANXESS Deutschland GmbH Material Protection Products
Address of manufacturer	Kennedypl. 1 50569 Koln Germany
Location of manufacturing sites	LANXESS Deutschland GmbH Material Protection Products site 1 Plot # 306/3 II Phase, GIDC, Vapi (Bayer Vapi Private Limited) 396 195 Gujarat 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	3,25
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	3,25
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	3,15
Permethrin		active substance	52645-53-1	258-067-9	0,05
Butilglicol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	87,05

### 2.2. Type(s) of formulation

AL Any other liquid

### 3. HAZARD AND PRECAUTIONARY STATEMENTS

<p>Hazard statements</p>	<p>H302+H332: Harmful if swallowed or if inhaled.</p> <p>H315: Causes skin irritation.</p> <p>H317: May cause an allergic skin reaction.</p> <p>H318: Causes serious eye damage.</p> <p>H360D: May damage the unborn child.</p> <p>H373: May cause damage to organs larynx through prolonged or repeated exposure ..</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p>
<p>Precautionary statements</p>	<p>P201: Obtain special instructions before use.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P270: Do not eat, drink or smoke when using this product.</p> <p>P271: Use only outdoors or in a well-ventilated area.</p> <p>P272: Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280: Wear gloves/protective clothing/eye protection/face protection.</p> <p>P308+P313: IF exposed or concerned: Get medical advice.</p> <p>P308+P313: IF exposed or concerned: Get medical attention.</p> <p>P301+P312: IF SWALLOWED: Call a POISON CENTRE/ doctor/... if you feel unwell.</p> <p>P330: Rinse mouth.</p> <p>P302+P352: IF ON SKIN: Wash with plenty of water.</p> <p>P333+P313: If skin irritation or rash occurs: Get medical advice.</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>

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P310: Immediately call a POISON CENTER or doctor/physician..

P362+P364: Take off contaminated clothing and wash it before reuse.

P405: Store locked up.

P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents to contents/container as hazardous waste to a registered establishment or undertaking, in accordance with current regulations..

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1. Use # 1 – Temporary preventive treatment of green fresh sawn timber by dipping/immersion at industrial sites. Industrial users.**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Temporary preventive wood preservative for green fresh sawn timber. Protection of freshly felled lumber against colonization by blue stain and sapstains.
Target organism(s) (including development stage)	Scientific name: no data Common name: blue stain fungi Development stage: no data  Scientific name: no data Common name: mould fungi Development stage: no data
Field(s) of use	-  Wood treatment at industrial premises. Green timber.
Application method(s)	Method: Superficial application: dipping treatment. Immersion for 1-3 minutes.  Detailed description: -
Application rate(s) and frequency	Application rate: $\geq 1,5$ - $\leq 4$ % (w/w)  Dilution (%): Product needs dilution in water before application.  Number and timing of application: Product needs dilution in water before application. Application rate: Immersion for 1-3 minutes in water dilution at 1.5- 4% (v/v) One application for prevention after wood is sawn.
Category(ies) of users	industrial
Pack sizes and packaging material	Please see the relevant section in PAR document.

#### 4.1.1. Use-specific instructions

The formulated FKR EXTRA is a product for the temporary treatment of the green fresh sawn timber against the action of fungi of bluish. It is designed to give a temporary preventive protection against the action of this type of chromogenic fungi. The wood is treated by immersion at a dosage of 3.92 g/m<sup>2</sup>. The product retention considered is 6.27E-03 Kg diluted product/m<sup>3</sup> wood (corresponding to 4% solution), in industrial facilities by professional workers, between 1 and 3 minutes.

It is advisable that wooden packages are in form of batten for maximum impregnation and more efficient ventilation that minimizes the vulnerability of wood to be attacked by chromogenic fungi.

Once treated, the wood must be protected from rain for a minimum of 48 hours to prevent washout of the product before fixation in wood.

The product is applied by Industrial users.

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The immersion pit is built with a jacket of containment. It is a pit within another pit of greater capacity so that it can contain the fluid volume of the first pit where the process of immersion is performed, in the case of leakage, breakage or spillage. Therefore, the exposure to environment during the application step is very unlikely if measures to avoid releases and spillages are adopted.

After the immersion, the fresh treated wood is left to drain the excess liquid for 30 minutes on an impermeable surface with a drainage system, which allows collecting liquid drained to its further use. Treated and drained wood is stored in a well ventilated indoor warehouse, so that planks dries and the product is fixed in the wood fibres. Therefore, the treated wood is not exposed to rain during the storage, which last about 6 months, and releases to the environment are unlikely.

The product offers a temporary protection against the attack of chromogenic fungi of bluish. The product is effective while the wood is still green, i.e. until it dry or its relative humidity remains below 18%. This drying process can last up to 6 months, depending on the climatic conditions of temperature and humidity in the area. After that time, the product already does not act, since target fungi cannot grow in the conditions of humidity achieved in the treated wood.

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

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

Please, see the general directions for use

#### **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**

Please, see the general directions for use

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

Please, see the 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**

Please, see the general directions for use

### **4.2. Use description**

**Table 2. Use # 2– Preventive insecticidal treatment by dipping/immersion of solid wood- Use class 1- Industrial users.**

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	FKR-EXTRA is a wood preservative product with insecticidal properties against House longhorn beetles, for treatment of use class 1.



Target organism(s) (including development stage)	Scientific name: <i>Hylotrupes bajulus</i> L. Common name: house longhorn beetle Development stage: larvae
Field(s) of use	indoor use  Wood treatment at industrial premises. Solid soft wood in service. Use class 1: situation on which the wood or wood-based product is inside a construction, not exposed to the weather and wetting.
Application method(s)	Method:  Detailed description: Superficial application: dipping/immersion treatment. Product is not ready to use.
Application rate(s) and frequency	Application rate: ca.200  Dilution (%): 4 Dilution (%): Product needs dilution in water at rate of 4% (v/v) before application  Number and timing of application: Product needs dilution in water at rate of 4% (v/v) before application: Dose rate: 200 g/m <sup>2</sup>
Category(ies) of users	industrial
Pack sizes and packaging material	Please see the relevant section in PAR document.

#### **4.2.1. Use-specific instructions**

The formulated FKR EXTRA is a product for the preventive treatment of the green fresh sawn timber against the action of wood insects. The wood is treated by immersion at a dosage of 200 g/m<sup>2</sup> in water in industrial facilities by professional workers.

The effective dose is reached after 48 min of immersion in a 4% solution of the biocide.

It is advisable that wooden packages are in form of batten for maximum impregnation and more efficient ventilation that minimizes the vulnerability of wood to be attacked by wood insects.

The product is applied by industrial professional workers to treat wood for Use Class 1 only (situation in which the wood or wood-based product is inside a construction, not exposed to the weather and wetting).

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

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

See section in General directions for use

#### **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**

See section in General directions for use

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

See section in General directions for use

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

See section in General directions for use



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

### 5.1. Instructions for use

FKR-EXTRA is applied by dipping in an aqueous solution containing between 1.5% and 4% of product. The dipping time be between 1 and 3 minutes.

The wood must be treated immediately after being taken down, you should not let more than 24 hours to prevent fungal attack before treatment.

It is advisable that wooden packages are in form of batten for maximum impregnation and more efficient ventilation that minimizes the vulnerability of wood to be attacked by chromogenic fungi.

It must not be mixed with other chemical products.

Product can be used to treat hard and soft wood.

Do not use on wood which may come in direct contact with food feeding stuff and livestock animals.

Once treated, the wood must be protected from rain for a minimum of 48 hours to prevent washout of the product before fixation in wood.

The treated wood is then stored until a relative humidity below 18% is reached.

### 5.2. Risk mitigation measures

Wear protective gloves/protective clothing/eye protection/face protection (materials to be specified by the authorisation holder within the product information).

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.

Due to the particular sensitivity of cats to (Permethrin), the product shall only be applied on wood which is applied in areas where contact of cats to treated wood can be excluded

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

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).

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

**IF EXPOSED OR CONCERNED:** Get medical advice/attention. Call a POISON CENTRE or a doctor.

**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.

Information to Healthcare personnel/doctor:

Initiate life support measures if needed, thereafter call a POISON CENTRE.

**IF SWALLOWED:** Immediately rinse mouth. Give something to drink, if exposed person is able to swallow.

Do NOT induce vomiting. Call 112/ambulance for medical assistance.

Information to Healthcare personnel/doctor:

Initiate life support measures if needed, thereafter call a POISON CENTRE.

**IF ON SKIN:** Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

**IF IN EYES:** Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

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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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IF MEDICAL ADVICE IS NEEDED, HAVE THE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT THE POISON CONTROL CENTER

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

Empty containers, unused product, washing water, containers and other waste generated during application are considered hazardous waste. Deposit packaging waste at the established collection points or deliver it to a registered hazardous waste operator as agreed with the extended producer responsibility system. Deliver the other wastes to a registered establishment or undertaking for hazardous waste, 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.

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

Storage in fresh and well-ventilated place.

Keep the product in the original packaging, well closed.

Keep away from acids or acid formers.

Is recommended to avoid temperatures above 40°C.

Keep away from food, feed and beverage.

Shelf-life: 2 years.

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## **6. OTHER INFORMATION**

Definitions:

Industrial (trained professional): pest control operators, having received specific training in wood preservatives according to the national legislation in force.