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ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

Product 4

Product type(s)

PT08: Wood preservatives

Authorisation number: IE/BPA 70813 1-3

R4BP asset number: IE-0025173-0014

1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	Protim WB 7 Brown Protim Endcoat 7 Brown
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	Kurt Obermeier GmbH
	Address	Berghäuser Straße 70 57319 Bad Berleburg Germany
Authorisation number	IE/BPA 70813 1-3	
<i>R4BP asset number</i>	IE-0025173-0014	
Date of the authorisation	02/10/2020	
Expiry date of the authorisation	02/10/2025	

1.3. Manufacturer(s) of the product

Name of manufacturer	Kurt Obermeier GmbH
Address of manufacturer	Berghäuser Straße 70 D-57319 Bad Berleburg Germany
Location of manufacturing sites	Berghäuser Straße 70 D-57319 Bad Berleburg Germany

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

Active substance	Permethrin
Name of manufacturer	LANXESS Deutschland GmbH Material Protection Products
Address of manufacturer	Kennedyplatz 1 50569 Köln Germany
Location of manufacturing sites	Bayer Vapi Private Ltd. Plot 306/3, II Phase GIDC Vapi 396 195 Gujarat India

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	Kennedyplatz 1 D 50569 Köln Germany
Location of manufacturing sites	Syngenta Crop Protection Corp Schwarzwaldallee 215 CH 4002 Basel Switzerland

Active substance	tebuconazole
Name of manufacturer	LANXESS Deutschland GmbH Material Protection Products
Address of manufacturer	Kennedyplatz 1 D 50569 Köln Germany

Location of manufacturing sites

Bayer CropScience Corp. P.O. Box 4913 Hawthorn
Road 64120-001 Kansas City MO United States (the)

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 (%)
Permethrin		active substance	52645-53-1	258-067-9	0,269
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	0,15
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	0,156
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	0,75
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0,0264
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,053
CI Basic yellow 28	2-[[[4-methoxyphenyl)methyl]hydrazono]methyl]-1,3,3-trimethyl-3H-indolium methyl sulphate	Non-active substance	58798-47-3	261-448-2	0,0239
C.I. Basic Blue 159	5-(diisopropylamino)-2-[[[4-(dimethylamino)phenyl]azo]-3-methyl-1,3,4-thiadiazolium methyl sulphate	Non-active substance	83969-12-4	281-589-3	0,00099
C.I. Basic Red 18:1	[2-[[[4-[(2-chloro-4-nitrophenyl)azo]phenyl]ethylamino]ethyl](2-hydroxypropyl)dimethylammonium acetate	Non-active substance	82205-20-7	279-919-6	0,01921
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	0,3
Caprolactam	Caprolactam epsilon	Non-active substance	105-60-2	203-313-2	0,00299
Dipropylene glycol monomethyl ether	(2-methoxymethyl)ethoxypropanol	Non-active substance	34590-94-8	252-104-2	0,15

2.2. Type(s) of formulation

Soluble concentrate (SL): meta-SPC 1 and meta-SPC 2; Any other liquid (AL): meta-SPC 3

3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. EUH208: Contains permethrin and propiconazole. May produce an allergic reaction.
Precautionary statements	P273: Avoid release to the environment. P391: Collect spillage. P501: Dispose of contents to appropriate disposal.

4. AUTHORISED USE(S)

4.1. Use description

Table 1. Manual dipping by industrials and professionals

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Fungicide, insecticide
Target organism(s) (including development stage)	Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: hyphae Scientific name: Hylotrupes bajulus L. Common name: house longhorn beetle Development stage: larvae Scientific name: Reticulitermes sp. Common name: Termites (genus Reticulitermes) Development stage: no data
Field(s) of use	indoor use outdoor use Indoor application in industrial sites Outdoor use only (including roof constructions, exterior doors and windows). The product is not allowed to be used in living areas. Preventive softwood and hardwood preservation in use class 1 (not including living areas) and 2. Preventive softwood preservation in use class 3
Application method(s)	Method: Manual dipping Detailed description: Manual dipping
Application rate(s) and frequency	Application rate: without protection against termites: Use class 1: 25 ml/m ² Use class 2: 37 ml/m ² Use class 3: 58 ml/m ² (with topcoat); 150 ml/m ² (without topcoat) • with protection against termites: Use class 1: 50 ml/m ² Use class 2: 50 ml/m ² Use class 3: 75 ml/m... Dilution (%): 100% Number and timing of application: The application rates are applied in 1 application.
Category(ies) of users	industrial ; trained professional ; professional
Pack sizes and packaging material	Bottle (HDPE opaque) 0.5, 1L Can (HDPE opaque) 0.5, 1, 5, 10, 15, 20L IBC (HDPE opaque) 600, 1000L

4.1.1. Use-specific instructions

Use the RTU product undiluted.

The transfer of the impregnation solutions to the dipping tank for manual dipping is done automated by connecting lines or manually.

During manual dipping, the operator lifts and places – by hand – the wooden article into the dipping tank. The operator then pushes, using a post, the wooden article under the wood preservative in the dipping tank and/or uses a broom to brush the wood preservative onto the wooden article (the article is still in the dipping tank as the preservative is brushed on the wood). The operator then lifts manually the wooden article from the dipping tank and stacks the article to dry.

4.1.2. Use-specific risk mitigation measures

4.1.3. Use-specific risk mitigation measures

Use protective clothing, gloves, eye and face protection during mixing and loading of the concentrated products. Use gloves and protective coverall (coated coverall) during the manual dipping process.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

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 shall 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 shall be collected for reuse or disposal.

Do not apply near bodies of surface water or in the area of water protection zones.

During application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained by covering the soil and disposed of in a safe way.

Treated wood should not be intended for uses involving contact with food, feed or livestock.

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

See general directions for use.

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

See 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

See general directions for use.

4.2. Use description

Table 2. Brushing/roller by professionals

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Fungicide, insecticide
Target organism(s) (including development stage)	Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: hyphae Scientific name: Hylotrupes bajulus L. Common name: house longhorn beetle Development stage: larvae Scientific name: Reticulitermes sp. Common name: Termites (genus Reticulitermes) Development stage: no data
Field(s) of use	outdoor use Indoor application in industrial sites Outdoor use only (including roof constructions, exterior doors and windows). The product is not allowed to be used in living areas. Preventive softwood and hardwood preservation in use class 1 (not including living areas) and 2. Preventive softwood preservation in use class 3

Application method(s)	Method: open system: brush treatment Detailed description: Manual brushing by professionals
Application rate(s) and frequency	Application rate: without protection against termites: Use class 1: 25 ml/m ² Use class 2: 37 ml/m ² Use class 3: 58 ml/m ² (with topcoat); 150 ml/m ² (without topcoat) • with protection against termites: Use class 1: 50 ml/m ² Use class 2: 50 ml/m ² Use class 3: 75 ml/m ² ... Dilution (%): 100% Number and timing of application: The application rates of 25 - 75 ml/m ² are applied in 1 application, while the application rate of 150 ml/m ² is applied in 1-2 subsequent applications..
Category(ies) of users	trained professional ; professional
Pack sizes and packaging material	Bottle (HDPE opaque) 0.5, 1L Can (HDPE opaque) 0.5, 1, 5, 10, 15, 20L IBC (HDPE opaque) 600, 1000L

4.2.1. Use-specific instructions

Use the RTU product undiluted.

Stir the product before use and apply it with a brush direct from can. For cleaning wash the equipment with water.

4.2.2. Use-specific risk mitigation measures

4.2.3. Use-specific risk mitigation measures

No protective equipment is required for wood preservation by brushing/rolling.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

Do not apply near bodies of surface water or in the area of water protection zones.

During application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained by

covering the soil and disposed of in a safe way.

Do not apply the product in-situ adjacent of above surface water.

Cover adjacent soils with plastic during in-situ application. Plastic must be discharged as solid waste.

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 general directions for use.

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

See 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 general directions for use.

4.3. Use description

Table 3. Brushing/roller by non-professionals

Product type	PT08: Wood preservatives
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Where relevant, an exact description of the authorised use	Fungicide, insecticide
Target organism(s) (including development stage)	<p>Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: hyphae</p> <p>Scientific name: Hylotrupes bajulus L. Common name: house longhorn beetle Development stage: larvae</p> <p>Scientific name: Reticulitermes sp. Common name: Termites (genus Reticulitermes) Development stage: no data</p>
Field(s) of use	<p>outdoor use</p> <p>Indoor application in industrial sites Outdoor use only (including roof constructions, exterior doors and windows). The product is not allowed to be used in living areas. Preventive softwood and hardwood preservation in use class 1 (not including living areas) and 2. Preventive softwood preservation in use class 3</p>
Application method(s)	<p>Method: open system: brush treatment</p> <p>Detailed description: Manual brushing by non-professionals</p>
Application rate(s) and frequency	<p>Application rate: without protection against termites: Use class 1: 25 ml/m² Use class 2: 37 ml/m² Use class 3: 58 ml/m² (with topcoat); 150 ml/m² (without topcoat) • with protection against termites: Use class 1: 50 ml/m² Use class 2: 50 ml/m² Use class 3: 75 ml/m²..</p> <p>Dilution (%): 100%</p> <p>Number and timing of application: The application rates of 25 - 75 ml/m² are applied in 1 application, while the application rate of 150 ml/m² is applied in 1-2 subsequent applications..</p>
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	<p>Bottle (HDPE opaque) 0.5, 1L</p> <p>Can (HDPE opaque) 0.5, 1, 5, 10, 15, 20L</p>

4.3.1. Use-specific instructions

Stir the product before use and apply it with a brush direct from can. For cleaning wash the equipment with water.

Wash hands and exposed skin before meal and after use. Do not contaminate foodstuffs, eating utensils or food contact surfaces. Do not contaminate ground, water bodies or watercourses with chemicals or used container.

4.3.2. Use-specific risk mitigation measures

4.3.3. Use-specific risk mitigation measures

No protective equipment is required for wood preservation by brushing/rolling.

Keep children and pets away from treated surfaces until dried.

Application solutions must be collected and reused or disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

Do not apply near bodies of surface water or in the area of water protection zones.

During application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained by covering the soil and disposed of in a safe way.

Do not apply the product in-situ adjacent of above surface water.

Cover adjacent soils with plastic during in-situ application. Plastic must be discharged as solid waste.

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

See general directions for use.

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

See general directions for use.

4.3.6. 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 USE¹

5.1. Instructions for use

see respective use-specific instructions for use provided above

5.2. Risk mitigation measures

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

Avoid prolonged contact of pets, particularly cats, to treated surfaces.

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

Description of first aid measures

General information: Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

Following inhalation: Remove casualty to fresh air and keep warm and at rest. Provide fresh air.

In case of skin contact: After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion: Do NOT induce vomiting. Rinse mouth thoroughly with water.

Self-protection of the first aider: First aider: Pay attention to self-protection!

Information to physician: Treatment: Treat symptomatically.

Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction. Causes serious eye damage.

Indication of any immediate medical attention and special treatment needed: None

Protective measures: Use only in well-ventilated areas. Do not breathe gas/fumes/vapour/spray.

Pyrethroids and pyrethrines may cause paresthesia (burning and prickling of the skin without irritation).

If symptoms persist: Get medical advice.

Accidental release measures

Personal precautions, protective equipment and emergency procedures: Take the precautions customary when handling chemicals. Use personal protection equipment.

Environmental precautions: Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

Methods and material for containment and cleaning up: Take up mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

Stability and reactivity:

Reactivity: No dangerous reactions known.

Chemical stability: The product is chemically stable under recommended conditions of storage, use and temperature.

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

Waste disposal according to Directive 2008/98/EC, covering waste and dangerous waste. Consult the appropriate local waste disposal expert about waste disposal.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Handle contaminated packages in the same way as the substance itself.

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

24 months shelf-life.

Keep/store only in the original container protected from frost and direct sunlight. Keep/store below 30°C.

Protect containers against damage.

¹Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

6. OTHER INFORMATION

The products of the BPF can be delivered in 30,000L stainless steel, grade 304 or higher, bulk container for transport by road.