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*ANNEX*

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

Korasit NG Biocidal Product Family

**Product type(s)**

PT08: Wood preservatives

**Authorisation number** IE/BPA 70813

**R4BP asset number** IE-0025173-0000

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I. FIRST INFORMATION LEVEL .....	3
1. ADMINISTRATIVE INFORMATION .....	4
2. PRODUCT FAMILY COMPOSITION AND FORMULATION .....	6
II. SECOND INFORMATION LEVEL - META SPC(S) .....	8
1. META SPC 1 ADMINISTRATIVE INFORMATION .....	9
2. META SPC 1 COMPOSITION .....	10
3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1 .....	12
4. AUTHORISED USE(S) OF THE META SPC .....	13
5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1 .....	21
6. OTHER INFORMATION .....	22
7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 1 .....	23
1. META SPC 2 ADMINISTRATIVE INFORMATION .....	28
2. META SPC 2 COMPOSITION .....	29
3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 2 .....	31
4. AUTHORISED USE(S) OF THE META SPC .....	32
5. GENERAL DIRECTIONS FOR USE OF THE META SPC 2 .....	40
6. OTHER INFORMATION .....	41
7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 2 .....	42
1. META SPC 3 ADMINISTRATIVE INFORMATION .....	46
2. META SPC 3 COMPOSITION .....	47
3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 3 .....	49
4. AUTHORISED USE(S) OF THE META SPC .....	50
5. GENERAL DIRECTIONS FOR USE OF THE META SPC 3 .....	55
6. OTHER INFORMATION .....	56
7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 3 .....	57

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**Part I.**  
**FIRST INFORMATION LEVEL**

## 1. ADMINISTRATIVE INFORMATION

### 1.1. Family name

Name	Korasit NG Biocidal Product Family
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### 1.2. Product type(s)

Product type(s)	PT08: Wood preservatives
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### 1.3. 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	
<i>R4BP asset number</i>	IE-0025173-0000	
Date of the authorisation	02/10/2020	
Expiry date of the authorisation	02/10/2025	

### 1.4. 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

### 1.5. 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

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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 FAMILY COMPOSITION AND FORMULATION

### 2.1. Qualitative and quantitative information on the composition of the family

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	0,269 - 2,69 % (w/w)
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 - 1,5 % (w/w)
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 - 1,56 % (w/w)
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	0,75 - 7,5 % (w/w)
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0 - 1,045 % (w/w)
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,05 - 0,85 % (w/w)
CI Basic yellow 28	2-[[4-(methoxyphenyl)methylhydrazono]methyl]-1,3,3-trimethyl-3H-indolium methyl sulphate	Non-active substance	58798-47-3	261-448-2	0 - 0,75 % (w/w)
C.I. Basic Blue 3	3,7-bis(diethylamino)phenazine-5-ium hydroxide	Non-active substance	93966-70-2	301-023-1	0 - 0,075 % (w/w)
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 - 0,02 % (w/w)
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 - 0,675 % (w/w)
C.I. Basic Yellow 51	1,3,3-trimethyl-2-[(methylphenylhydrazono)methyl]-3H-indolium chloride	Non-active substance	55850-01-6	259-858-1	0 - 0,075 % (w/w)

butyldiglycol	2-(2-butoxy-ethoxy)ethanol	Non-active substance	112-34-5	203-961-6	0,3 - 3 % (w/w)
2-Butoxyethanol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	0 - 0,09 % (w/w)
Caprolactam	Caprolactam epsilon	Non-active substance	105-60-2	203-313-2	0 - 0,105 % (w/w)
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,15 - 1,5 % (w/w)

## 2.2. Type(s) of formulation

Formulation type(s)	Soluble concentrate (SL): meta-SPC 1 and meta-SPC 2; Any other liquid (AL): meta-SPC 3
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**Part II.**  
**SECOND INFORMATION LEVEL - META SPC(S)**



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## 1. META SPC 1 ADMINISTRATIVE INFORMATION

### 1.1. Meta SPC 1 identifier

Identifier	Meta SPC: meta SPC 1
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### 1.2. Suffix to the authorisation number

Number	1-1
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### 1.3. Product type(s)

Product type(s)	PT08: Wood preservatives
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## 2. META SPC 1 COMPOSITION

### 2.1. Qualitative and quantitative information on the composition of the meta SPC 1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	2,69 - 2,69 % (w/w)
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	1,5 - 1,5 % (w/w)
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	1,56 - 1,56 % (w/w)
Amines, coco alkyl dimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	7,5 - 7,5 % (w/w)
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0 - 1,045 % (w/w)
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,5 - 0,85 % (w/w)
CI Basic yellow 28	2-[[4-(4-methoxyphenyl)methylhydrazono]methyl]-1,3,3-trimethyl-3H-indolium methyl sulphate	Non-active substance	58798-47-3	261-448-2	0 - 0,75 % (w/w)
C.I. Basic Blue 3	3,7-bis(diethylamino)phenazine-5-ium hydroxide	Non-active substance	93966-70-2	301-023-1	0 - 0,075 % (w/w)
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 - 0,02 % (w/w)
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 - 0,675 % (w/w)
C.I. Basic Yellow 51	1,3,3-trimethyl-2-[(methylphenylhydrazono)methyl]-3H-indolium chloride	Non-active substance	55850-01-6	259-858-1	0 - 0,075 % (w/w)

butyldiglycol	2-(2-butoxy-ethoxy)ethanol	Non-active substance	112-34-5	203-961-6	3 - 3 % (w/w)
2-Butoxyethanol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	0 - 0,09 % (w/w)
Caprolactam	Caprolactam epsilon	Non-active substance	105-60-2	203-313-2	0 - 0,105 % (w/w)
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	1,5 - 1,5 % (w/w)

## 2.2. Type(s) of formulation of the meta SPC 1

Formulation type(s)	Soluble concentrate (SL): meta-SPC 1 and meta-SPC 2; Any other liquid (AL): meta-SPC 3
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### 3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

<p>Hazard statements</p>	<p>H317: May cause an allergic skin reaction.</p> <p>H318: Causes serious eye damage.</p> <p>H400: Very toxic to aquatic life.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>H360D: May damage the unborn child.</p>
<p>Precautionary statements</p>	<p>P201: Obtain special instructions before use.</p> <p>P273: Avoid release to the environment.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P261: Avoid breathing spray.</p> <p>P272: Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280: Wear protective gloves.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p> <p>P310: Immediately call a POISON CENTER.</p> <p>P302+P352: IF ON SKIN: Wash with plenty of soap and water.</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> <p>P333+P313: If skin irritation or rash occurs: Get medical attention.</p> <p>P361+P364: Take off immediately all contaminated clothing and wash it before reuse.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P501: Dispose of contents to appropriate disposal.</p> <p>P308+P313: IF exposed or concerned: Get medical advice.</p> <p>P405: Store locked up.</p>

## 4. AUTHORISED USE(S) OF THE META SPC

### 4.1. Use description 1

**Table 1. Vacuum pressure treatment by industrials**

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  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: Vacuum pressure impregnation  Detailed description: vacuum pressure treatment by industrials
Application rate(s) and frequency	Application Rate: Use class 1: 0.9 kg/m <sup>3</sup> Use class 2: 1.85 kg/m <sup>3</sup> Use class 3: 2.9 kg/m <sup>3</sup>  Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Use class 1: 0.5 -1 % Use class 2: 1 -2% Use class 3: 1.6- 3%  Number and timing of application: The application rates are applied in 1 application.
Category(ies) of users	industrial
Pack sizes and packaging material	Can, IBC: HDPE (opaque) 10/ 15/ 20 / 600 / 1000 [L]

#### 4.1.1. Use-specific instructions for use

Dilute the product with water before use in order to receive the following dilutions:

Use class 1: 0.5 -1 %

Use class 2: 1- 2%

Use class 3: 1.6-3%

The dilution of the concentrated products with water and transfer of the impregnation solutions to the treatment vessels for vacuum pressure impregnation is done automated by connecting lines.

After the vacuum pressure impregnation process, the door of the receiving vessel is opened and the treated wood is transferred using lift trucks to a storage area where it can be placed to dry.

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

Use protective clothing (double coverall), gloves, eye and face protection and chemically resistant footwear (EN 13832) during mixing and loading of the concentrated products.

Use gloves and protective coverall (double coverall) during the handling of the treated timber, contact with the treatment vessels and maintenance of machinery.

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.

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

#### **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**

See general directions for use.

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

See general directions for use.

#### **4.1.5. 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 2**

**Table 2. Automated dipping by industrials**

Product type	PT08: Wood preservatives
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>indoor 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: Automated dipping</p> <p>Detailed description: Automated dipping by industrials.</p>
Application rate(s) and frequency	Application Rate: without protection against termites: Use class 1: 2.5 g/m <sup>2</sup> Use class 2: 3.7 g/m <sup>2</sup> Use class 3: 5.8 g/m <sup>2</sup> (with topcoat); 15 g/m <sup>2</sup> (without topcoat) • with protection against

	<p>termites: Use class 1: 5 g/m<sup>2</sup> Use class 2: 5 g/m<sup>2</sup> Use class 3: 7.5 g/m<sup>2</sup> (wit...</p> <p>Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Without protection against termites Use class 1: 1 - 2.5 % Use class 2: 1.5 - 3.7% Use class 3: 2.3- 6% (with topcoat) 8-10% (without topcoat) With ...</p> <p>Number and timing of application: The application rates are applied in 1 application.</p>
Category(ies) of users	industrial
Pack sizes and packaging material	Can, IBC: HDPE (opaque) 10 / 15 /20 / 600 / 1000 [L]

#### 4.2.1. Use-specific instructions for use

Dilute the product with water before use in order to receive the following dilutions:

##### Without protection against termites

Use class 1: 1 - 2.5 %  
 Use class 2: 1.5 - 3.7%  
 Use class 3: 2.3- 6% (with topcoat)  
 8-10% (without topcoat)

##### With protection against termites

Use class 1: 2 - 5 %  
 Use class 2: 2- 5 %  
 Use class 3: 3 - 7.5 % (with topcoat)  
 8 - 10% (without topcoat)

The dilution of the concentrated products with water and transfer of the impregnation solutions to the dipping tank or bathing tray for automated dipping is done automated by connecting lines.

For automated dipping, an operator using a fork-lift truck lowers the wood into the dipping tank or transfers the wood to a bathing tray. Automated dipping is an automated process. After the treatment, the wood is lifted out by the fork-lift truck. The wood is then transferred by the fork-lift truck to a storage area where it is placed to dry.

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

Use protective clothing (double coverall), gloves, eye and face protection and chemically resistant footwear (EN 13832) during mixing and loading of the concentrated products.

Use gloves and protective coverall (double coverall) during the handling of the treated timber and maintenance of the dipping tank or bathing tray.

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.

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

#### 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

See general directions for use

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

See general directions for use

#### 4.2.5. 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 3

**Table 3. Automated spraying by industrials**

Product type	PT08: Wood preservatives
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>indoor 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: Automated spraying</p> <p>Detailed description: Automated spraying in closed systems by industrials</p>
Application rate(s) and frequency	<p>Application Rate: without protection against termites: Use class 1: 2.5 g/m<sup>2</sup> Use class 2: 3.7 g/m<sup>2</sup> Use class 3: 5.8 g/m<sup>2</sup> (with topcoat); 15 g/m<sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 5 g/m<sup>2</sup> Use class 2: 5 g/m<sup>2</sup> Use class 3: 7.5 g/m<sup>2</sup> (wit...</p> <p>Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Without protection against termites Use class 1: 1 - 2.5 % Use class 2: 1.5 - 3.7% Use class 3: 2.3- 6% (with topcoat) 8-10% (without topcoat) With ...</p> <p>Number and timing of application: The application rates are applied in 1 application.</p>
Category(ies) of users	industrial
Pack sizes and packaging material	Can, IBC: HDPE (opaque) 10 /15/ 20 / 600 / 1000 [L]

#### 4.3.1. Use-specific instructions for use

Dilute the product with water before use in order to receive the following dilutions:

##### Without protection against termites

Use class 1: 1 - 2.5 %  
Use class 2: 1.5 - 3.7%  
Use class 3: 2.3- 6% (with topcoat)



8-10% (without topcoat)

With protection against termites

Use class 1: 2 - 5 %

Use class 2: 2– 5 %

Use class 3: 3 - 7.5 % (with topcoat)

8 - 10% (without topcoat)

The dilution of the concentrated products with water and transfer of the impregnation solutions to the spraying chamber for automated spraying is done automated by connecting lines.

Automated spraying is an automated process. After the wood preservation by automated spraying, the treated wood is transferred by the fork-lift truck to a storage area where it is placed to dry.

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

Use protective clothing (double coverall), gloves, eye and face protection and chemically resistant footwear (EN 13832) during mixing and loading of the concentrated products.

Use gloves and protective coverall (double coverall) during the handling of the treated timber and maintenance of the machinery.

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.

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

#### **4.3.3. 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.

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

See general directions for use.

#### **4.3.5. 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.

#### **4.4. Use description 4**

**Table 4. 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  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: 2.5 g/m <sup>2</sup> Use class 2: 3.7 g/m <sup>2</sup> Use class 3: 5.8 g/m <sup>2</sup> (with topcoat); 15 g/m <sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 5 g/m <sup>2</sup> Use class 2: 5 g/m <sup>2</sup> Use class 3: 7.5 g/m <sup>2</sup> (wit...  Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Without protection against termites Use class 1: 1 - 2.5 % Use class 2: 1.5 - 3.7% Use class 3: 2.3- 6% (with topcoat) 8-10% (without topcoat) With ...  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	Can, IBC, : HDPE (opaque) 10 / 15 / 20 / 600 / 1000 [L]

#### 4.4.1. Use-specific instructions for use

Dilute the product with water before use in order to receive the following dilutions:

##### Without protection against termites

Use class 1: 1 - 2.5 %  
Use class 2: 1.5 - 3.7%  
Use class 3: 2.3- 6% (with topcoat)  
8-10% (without topcoat)

##### With protection against termites

Use class 1: 2 - 5 %  
Use class 2: 2- 5 %  
Use class 3: 3 - 7.5 % (with topcoat)  
8 - 10% (without topcoat)

The dilution of the concentrated products with water and 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.

#### 4.4.2. Use-specific risk mitigation measures

Use protective clothing), gloves, eye and face protection and chemically resistant footwear (EN 13832) 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.

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

**4.4.3. 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.

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

See general directions for use.

**4.4.5. 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.

**4.5. Use description 5**

**Table 5. Flow coating (deluging) by industrials**

Product type	PT08: Wood preservatives
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>indoor 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: Flow coating (deluging)</p> <p>Detailed description: Flow coating</p>
Application rate(s) and frequency	<p>Application Rate: without protection against termites: Use class 1: 2.5 g/m<sup>2</sup> Use class 2: 3.7 g/m<sup>2</sup> Use class 3: 5.8 g/m<sup>2</sup> (with topcoat); 15 g/m<sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 5 g/m<sup>2</sup> Use class 2: 5 g/m<sup>2</sup> Use class 3: 7.5 g/m<sup>2</sup> (wit...</p> <p>Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Without protection against termites Use class 1: 1 - 2.5 % Use class 2: 1.5 - 3.7% Use class 3: 2.3- 6% (with topcoat) 8-10% (without topcoat) With ...</p> <p>Number and timing of application: The application rates are applied in 1 application.</p>

Category(ies) of users	industrial
Pack sizes and packaging material	Can, IBC, : HDPE (opaque) 10 / 15 / 20 / 600 / 1000 [L]

#### **4.5.1. Use-specific instructions for use**

Dilute the product with water before use in order to receive the following dilutions:

##### Without protection against termites

Use class 1: 1 - 2.5 %  
 Use class 2: 1.5 - 3.7%  
 Use class 3: 2.3- 6% (with topcoat)  
 8-10% (without topcoat)

##### With protection against termites

Use class 1: 2 - 5 %  
 Use class 2: 2- 5 %  
 Use class 3: 3 - 7.5 % (with topcoat)  
 8 - 10% (without topcoat)

The dilution of the concentrated products with water and transfer of the impregnation solutions to the receiving vessel for flow coating (deluging) is done automated by connecting lines.

During flow coating, timber is passed through an enclosed tunnel in which the preservative is applied. The device is open at both sides, i.e. front and back side. Timber enters through the front side and the treated timber comes out dripping wet through the back side. After the flooding process treated timber is conducted through a drying channel, where the wooden articles are dried with a warm air stream.

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

Use protective clothing, gloves, eye and face protection and chemically resistant footwear (EN 13832) during mixing and loading of the concentrated products.

Use gloves and protective coverall (coated coverall) during the handling of the treated timber and maintenance of the machinery.

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.

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

#### **4.5.3. 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.

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

See general directions for use.

#### **4.5.5. 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.

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## 5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1

### 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 pyrethrins 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.

Possibility of hazardous reactions: No dangerous reactions known.

### 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.

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## **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.

## 7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 1

### 7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Protim E407 Clear	Market area: IE
	Protim ME7 Clear	Market area: IE
Authorisation number	IE-0025173-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	2,69
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	1,5
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	1,56
Amines, cocoalkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	7,5
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,53
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	3
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	1,5

### 7.2. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Protim ME7 Yellow	Market area: IE
Authorisation number	IE-0025173-0002 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	2,69
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-		active substance	60207-90-1	262-104-4	1,5

yl)methyl]-1H-1,2,4-triazole (Propiconazole)					
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	1,56
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	7,5
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0,12004
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,53
C.I. Basic Yellow 51	1,3,3-trimethyl-2-[(methylphenylhydrazono)methyl]-3H-indolium chloride	Non-active substance	55850-01-6	259-858-1	0,0335
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	3
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	1,5

### 7.3. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	not marketed	Market area: IE
Authorisation number	IE-0025173-0003 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	2,69
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	1,5
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	1,56
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	7,5



Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0,0315
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,53
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	0,03
C.I. Basic Blue 3	3,7-bis(diethylamino)phthalazine-5-ium hydroxide	Non-active substance	93966-70-2	301-023-1	0,036
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	3
2-Butoxyethanol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	0,0432
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	1,5

#### 7.4. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	not marketed	Market area: IE
Authorisation number	IE-0025173-0004 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	2,69
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	1,5
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	1,56
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	7,5
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0,2642
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,53
CI Basic yellow 28	2-[[[4-methoxyphenyl)methyl]hydrazono]methyl]-1,3,3-trimethyl-3H-	Non-active substance	58798-47-3	261-448-2	0,239

	indolium methyl sulphate				
C.I. Basic Blue 3	3,7-bis(diethylamino)phenazine-5-ium hydroxide	Non-active substance	93966-70-2	301-023-1	0,0013
C.I. Basic Blue 159	5-(diisopropylamino)-[[4-(dimethylamino)phenyl]azo]-3-methyl-1,3,4-thiadiazolium methyl sulphate	Non-active substance	83969-12-4	281-589-3	0,0099
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	0,192
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	3
2-Butoxyethanol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	0,00156
Caprolactam	Caprolactam epsilon	Non-active substance	105-60-2	203-313-2	0,02989
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	1,5

## 7.5. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	not marketed	Market area: IE
Authorisation number	IE-0025173-0005 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	2,69
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	1,5
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	1,56
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	7,5

Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,53
butyldiglycol	2-(2-butoxy-ethoxy)ethanol	Non-active substance	112-34-5	203-961-6	3
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	1,5

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## 1. META SPC 2 ADMINISTRATIVE INFORMATION

### 1.1. Meta SPC 2 identifier

Identifier	Meta SPC: meta SPC 2
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### 1.2. Suffix to the authorisation number

Number	1-2
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### 1.3. Product type(s)

Product type(s)	PT08: Wood preservatives
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## 2. META SPC 2 COMPOSITION

### 2.1. Qualitative and quantitative information on the composition of the meta SPC 2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	1,34 - 1,34 % (w/w)
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 - 0,75 % (w/w)
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	0,78 - 0,78 % (w/w)
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	3,75 - 3,75 % (w/w)
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0 - 0,52 % (w/w)
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,25 - 0,43 % (w/w)
CI Basic yellow 28	2-[[4-(methoxyphenyl)methylhydrazono]methyl]-1,3,3-trimethyl-3H-indolium methyl sulphate	Non-active substance	58798-47-3	261-448-2	0 - 0,375 % (w/w)
C.I. Basic Blue 3	3,7-bis(diethylamino)phenazine-5-ium hydroxide	Non-active substance	93966-70-2	301-023-1	0 - 0,0375 % (w/w)
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 - 0,01 % (w/w)
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 - 0,3375 % (w/w)
C.I. Basic Yellow 51	1,3,3-trimethyl-2-[(methylphenylhydrazono)methyl]-3H-indolium chloride	Non-active substance	55850-01-6	259-858-1	0 - 0,0375 % (w/w)

butyldiglycol	2-(2-butoxy-ethoxy)ethanol	Non-active substance	112-34-5	203-961-6	1,5 - 1,5 % (w/w)
2-Butoxyethanol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	0 - 0,045 % (w/w)
Caprolactam	Caprolactam epsilon	Non-active substance	105-60-2	203-313-2	0 - 0,0525 % (w/w)
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,75 - 0,75 % (w/w)

## 2.2. Type(s) of formulation of the meta SPC 2

Formulation type(s)	Soluble concentrate (SL): meta-SPC 1 and meta-SPC 2; Any other liquid (AL): meta-SPC 3
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### 3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 2

<p>Hazard statements</p>	<p>H317: May cause an allergic skin reaction.</p> <p>H318: Causes serious eye damage.</p> <p>H400: Very toxic to aquatic life.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>H360D: May damage the unborn child.</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>P261: Avoid breathing spray.</p> <p>P272: Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear protective gloves.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p> <p>P310: Immediately call a POISON CENTER.</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> <p>P302+P352: IF ON SKIN: Wash with plenty of soap and water.</p> <p>P333+P313: If skin irritation or rash occurs: Get medical attention.</p> <p>P361+P364: Take off immediately all contaminated clothing and wash it before reuse.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P501: Dispose of contents to appropriate disposal.</p> <p>P308+P313: IF exposed or concerned: Get medical advice.</p> <p>P405: Store locked up.</p>

## 4. AUTHORISED USE(S) OF THE META SPC

### 4.1. Use description 1

**Table 1. Vacuum pressure treatment by industrials**

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  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: Vacuum pressure impregnation  Detailed description: vacuum pressure treatment by industrials
Application rate(s) and frequency	Application Rate: Use class 1: 1,8 kg/m <sup>3</sup> Use class 2: 3,7 kg/m <sup>3</sup> Use class 3: 5,8 kg/m <sup>3</sup>  Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Use class 1: 1-2 % Use class 2: 2-4% Use class 3: 3,2-6%  Number and timing of application: The application rates are applied in 1 application.
Category(ies) of users	industrial
Pack sizes and packaging material	Can, IBC, : HDPE (opaque) 10 / 15/ 20 / 600 / 1000 [L]

#### 4.1.1. Use-specific instructions for use

Dilute the product with water before use in order to receive the following dilutions:

Use class 1: 1 - 2 %  
Use class 2: 2 - 4%  
Use class 3: 3,2 - 6%

The dilution of the concentrated products with water and transfer of the impregnation solutions to the treatment vessels for vacuum pressure impregnation is done automated by connecting lines.

After the vacuum pressure impregnation process, the door of the receiving vessel is opened and the treated wood is transferred using lift trucks to a storage area where it can be placed to dry.

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

Use protective clothing (double coverall), gloves, eye and face protection and chemically resistant footwear (EN 13832) during mixing and loading of the concentrated products.



Use gloves and protective coverall (double coverall) during the handling of the treated timber, contact with the treatment vessels and maintenance of machinery.

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.

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

#### **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**

See general directions for use.

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

See general directions for use.

#### **4.1.5. 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 2**

**Table 2. Automated dipping by industrials**

Product type	PT08: Wood preservatives
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>indoor 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: Automated dipping</p> <p>Detailed description: Automated dipping by industrials.</p>
Application rate(s) and frequency	<p>Application Rate: without protection against termites: Use class 1: 5 g/m<sup>2</sup> Use class 2: 7.4 g/m<sup>2</sup> Use class 3: 11.6 g/m<sup>2</sup> (with topcoat); 30 g/m<sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 10 g/m<sup>2</sup> Use class 2: 10 g/m<sup>2</sup> Use class 3: 15 g/m<sup>2</sup> (wit...</p>

	Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Without protection against termites Use class 1: 2 - 5 % Use class 2: 3 - 7.4% Use class 3: 4.6 - 12% (with topcoat) 16 - 20% (without topcoat...  Number and timing of application: The application rates are applied in 1 application.
Category(ies) of users	industrial
Pack sizes and packaging material	Can, IBC: HDPE (opaque) 10 / 15 / 20 / 600 / 1000 [L]

#### 4.2.1. Use-specific instructions for use

Dilute the product with water before use in order to receive the following dilutions:

##### Without protection against termites

Use class 1: 2 - 5 %  
Use class 2: 3 - 7.4%  
Use class 3: 4.6 - 12% (with topcoat)  
16 - 20% (without topcoat)

##### With protection against termites

Use class 1: 4 - 10 %  
Use class 2: 4 - 10 %  
Use class 3: 6 - 15 % (with topcoat)  
16 - 20% (without topcoat)

The dilution of the concentrated products with water and transfer of the impregnation solutions to the dipping tank or bathing tray for automated dipping is done automated by connecting lines.

For automated dipping, an operator using a fork-lift truck lowers the wood into the dipping tank or transfers the wood to a bathing tray. Automated dipping is an automated process. After the treatment, the wood is lifted out by the fork-lift truck. The wood is then transferred by the fork-lift truck to a storage area where it is placed to dry.

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

Use protective clothing (double coverall), gloves, eye and face protection and chemically resistant footwear (EN 13832) during mixing and loading of the concentrated products.

Use gloves and protective coverall (double coverall) during the handling of the treated timber and maintenance of the dipping tank or bathing tray.

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.

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

#### 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

See general directions for use

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

See general directions for use

#### 4.2.5. 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 3

**Table 3. Automated spraying by industrials**

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  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: Automated spraying  Detailed description: Automated spraying in closed systems by industrials
Application rate(s) and frequency	Application Rate: without protection against termites: Use class 1: 5 g/m <sup>2</sup> Use class 2: 7.4 g/m <sup>2</sup> Use class 3: 11.6 g/m <sup>2</sup> (with topcoat); 30 g/m <sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 10 g/m <sup>2</sup> Use class 2: 10 g/m <sup>2</sup> Use class 3: 15 g/m <sup>2</sup> (wit...  Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Without protection against termites Use class 1: 2 - 5 % Use class 2: 3 - 7.4% Use class 3: 4.6 - 12% (with topcoat) 16 - 20% (without topcoat...  Number and timing of application: The application rates are applied in 1 application.
Category(ies) of users	industrial
Pack sizes and packaging material	Can, IBC: HDPE(opaque) , 10 / 15 / 20 / 600 / 1000 [L]

**4.3.1. Use-specific instructions for use**

Dilute the product with water before use in order to receive the following dilutions:

Without protection against termites

Use class 1: 2 - 5 %  
Use class 2: 3 - 7.4%  
Use class 3: 4.6 - 12% (with topcoat)  
16 - 20% (without topcoat)

With protection against termites

Use class 1: 4 - 10 %  
Use class 2: 4 - 10 %  
Use class 3: 6 - 15 % (with topcoat)  
16 - 20% (without topcoat)

The dilution of the concentrated products with water and transfer of the impregnation solutions to the spraying chamber for automated spraying is done automated by connecting lines.

Automated spraying is an automated process. After the wood preservation by automated spraying, the treated wood is transferred by the fork-lift truck to a storage area where it is placed to dry.

#### 4.3.2. Use-specific risk mitigation measures

Use protective clothing (double coverall), gloves, eye and face protection and chemically resistant footwear (EN 13832) during mixing and loading of the concentrated products.

Use gloves and protective coverall (double coverall) during the handling of the treated timber and maintenance of the machinery.

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.

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

#### 4.3.3. 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

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

See general directions for use

#### 4.3.5. 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

#### 4.4. Use description 4

**Table 4. 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)	<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>indoor 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)	Method: Manual dipping

	Detailed description: Manual dipping
Application rate(s) and frequency	<p>Application Rate: without protection against termites: Use class 1: 5 g/m<sup>2</sup> Use class 2: 7.4 g/m<sup>2</sup> Use class 3: 11.6 g/m<sup>2</sup> (with topcoat); 30 g/m<sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 10 g/m<sup>2</sup> Use class 2: 10 g/m<sup>2</sup> Use class 3: 15 g/m<sup>2</sup> (wit...</p> <p>Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Without protection against termites Use class 1: 2 - 5 % Use class 2: 3 - 7.4% Use class 3: 4.6 - 12% (with topcoat) 16 - 20% (without topcoat...</p> <p>Number and timing of application: The application rates are applied in 1 application.</p>
Category(ies) of users	industrial ; trained professional ; professional
Pack sizes and packaging material	Can, IBC: HDPE (opaque), 10 / 15 / 20 / 600 / 1000 [L]

#### 4.4.1. Use-specific instructions for use

Dilute the product with water before use in order to receive the following dilutions:

##### Without protection against termites

Use class 1: 2 - 5 %

Use class 2: 3 - 7.4%

Use class 3: 4.6 - 12% (with topcoat)

16 - 20% (without topcoat)

##### With protection against termites

Use class 1: 4 - 10 %

Use class 2: 4 - 10 %

Use class 3: 6 - 15 % (with topcoat)

16 - 20% (without topcoat)

The dilution of the concentrated products with water and 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.

#### 4.4.2. Use-specific risk mitigation measures

Use protective clothing, gloves, eye and face protection and chemically resistant footwear (EN 13832) 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.

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

#### 4.4.3. 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

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

See general directions for use

#### 4.4.5. 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

#### 4.5. Use description 5

**Table 5. Flow coating (deluging) by industrials**

Product type	PT08: Wood preservatives
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>indoor 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: Flow coating (deluging)</p> <p>Detailed description: Flow coating</p>
Application rate(s) and frequency	<p>Application Rate: without protection against termites: Use class 1: 5 g/m<sup>2</sup> Use class 2: 7.4 g/m<sup>2</sup> Use class 3: 11.6 g/m<sup>2</sup> (with topcoat); 30 g/m<sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 10 g/m<sup>2</sup> Use class 2: 10 g/m<sup>2</sup> Use class 3: 15 g/m<sup>2</sup> (wit...</p> <p>Dilution (%): Dilute the product with water before use in order to receive the following dilutions: Without protection against termites Use class 1: 2 - 5 % Use class 2: 3 - 7.4% Use class 3: 4.6 - 12% (with topcoat) 16 - 20% (without topcoat...</p> <p>Number and timing of application: The application rates are applied in 1 application.</p>
Category(ies) of users	industrial
Pack sizes and packaging material	Can, IBC: HDPE (opaque) 10 / 15 / 20 / 600 / 1000 [L]

##### 4.5.1. Use-specific instructions for use

Dilute the product with water before use in order to receive the following dilutions:

Without protection against termites

Use class 1: 2 - 5 %

Use class 2: 3 - 7.4%

Use class 3: 4.6 - 12% (with topcoat)

16 - 20% (without topcoat)

With protection against termites

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Use class 1: 4 - 10 %  
Use class 2: 4 - 10 %  
Use class 3: 6 - 15 % (with topcoat)  
16 - 20% (without topcoat)

The dilution of the concentrated products with water and transfer of the impregnation solutions to the receiving vessel for flow coating (deluging) is done automated by connecting lines.

During flow coating, timber is passed through an enclosed tunnel in which the preservative is applied. The device is open at both sides, i.e. front and back side. Timber enters through the front side and the treated timber comes out dripping wet through the back side. After the flooding process treated timber is conducted through a drying channel, where the wooden articles are dried with a warm air stream.

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

Use protective clothing, gloves, eye and face protection and chemically resistant footwear (EN 13832) during mixing and loading of the concentrated products.

Use gloves and protective coverall (coated coverall) during the handling of the treated timber and maintenance of the machinery.

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.

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

#### **4.5.3. 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

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

See general directions for use

#### **4.5.5. 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

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## 5. GENERAL DIRECTIONS FOR USE OF THE META SPC 2

### 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.

Possibility of hazardous reactions: No dangerous reactions known.

### 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.



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## **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.

## 7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 2

### 7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	not marketed	Market area: IE
Authorisation number	IE-0025173-0006 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	1,34
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	0,78
Amines, cocoalkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	3,75
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,26
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	1,5
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,75

### 7.2. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	not marketed	Market area: IE
Authorisation number	IE-0025173-0007 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	1,34
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-	active substance	107534-96-3	403-640-2	0,78

	(1,2,4-triazol-1-ylmethyl)pentan-3-ol				
Amines, cocoalkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	3,75
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0,06002
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,26
C.I. Basic Yellow 51	1,3,3-trimethyl-2-[(methylphenylhydrazono)methyl]-3H-indolium chloride	Non-active substance	55850-01-6	259-858-1	0,01675
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	1,5
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,75

### 7.3. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	not marketed	Market area: IE
Authorisation number	IE-0025173-0008 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	1,34
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	0,78
Amines, cocoalkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	3,75
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0,0158
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,26
CI Basic yellow 28	2-[[[4-methoxyphenyl)methyl]hydrazono]methyl]-1,3,3-	Non-active substance	58798-47-3	261-448-2	0,01496

	trimethyl-3H-indolium methyl sulphate				
C.I. Basic Blue 3	3,7-bis(diethylamino)phenazine-5-ium hydroxide	Non-active substance	93966-70-2	301-023-1	0,018
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	1,5
2-Butoxyethanol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	0,0216
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,75

#### 7.4. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)		not marketed	Market area: IE		
Authorisation number		IE-0025173-0009 1-2			
Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	1,34
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	0,78
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	3,75
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0,1321
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,26
CI Basic yellow 28	2-[[[4-methoxyphenyl)methylhydrazono]methyl]-1,3,3-trimethyl-3H-indolium methyl sulphate	Non-active substance	58798-47-3	261-448-2	0,12
C.I. Basic Blue 3	3,7-bis(diethylamino)phenazine-5-ium hydroxide	Non-active substance	93966-70-2	301-023-1	0,00065
C.I. Basic Blue 159	5-(diisopropylamino)pyridine	Non-active substance	83969-12-4	281-589-3	0,00495

	[[4-(dimethylamino)phenyl]azo]-3-methyl-1,3,4-thiadiazolium methyl sulphate				
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	0,09606
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	1,5
Caprolactam	Caprolactam epsilon	Non-active substance	105-60-2	203-313-2	0,01494
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,75

### 7.5. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	not marketed	Market area: IE
Authorisation number	IE-0025173-0010 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	1,34
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	0,78
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	3,75
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,26
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	1,5
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,75

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## 1. META SPC 3 ADMINISTRATIVE INFORMATION

### 1.1. Meta SPC 3 identifier

Identifier	Meta SPC: meta SPC 3
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### 1.2. Suffix to the authorisation number

Number	1-3
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### 1.3. Product type(s)

Product type(s)	PT08: Wood preservatives
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## 2. META SPC 3 COMPOSITION

### 2.1. Qualitative and quantitative information on the composition of the meta SPC 3

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Permethrin		active substance	52645-53-1	258-067-9	0,269 - 0,269 % (w/w)
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 - 0,15 % (w/w)
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 - 0,156 % (w/w)
Amines, coco alkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	0,75 - 0,75 % (w/w)
Acetic acid	Acetic acid	Non-active substance	64-19-7	200-580-7	0 - 0,105 % (w/w)
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,05 - 0,085 % (w/w)
CI Basic yellow 28	2-[[4-(methoxyphenyl)methylhydrazono]methyl]-1,3,3-trimethyl-3H-indolium methyl sulphate	Non-active substance	58798-47-3	261-448-2	0 - 0,075 % (w/w)
C.I. Basic Blue 3	3,7-bis(diethylamino)phenazine-5-ium hydroxide	Non-active substance	93966-70-2	301-023-1	0 - 0,0075 % (w/w)
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 - 0,002 % (w/w)
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 - 0,0675 % (w/w)
C.I. Basic Yellow 51	1,3,3-trimethyl-2-[(methylphenylhydrazono)methyl]-3H-indolium chloride	Non-active substance	55850-01-6	259-858-1	0 - 0,0075 % (w/w)

butyldiglycol	2-(2-butoxy-ethoxy)ethanol	Non-active substance	112-34-5	203-961-6	0,3 - 0,3 % (w/w)
2-Butoxyethanol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	0 - 0,009 % (w/w)
Caprolactam	Caprolactam epsilon	Non-active substance	105-60-2	203-313-2	0 - 0,0105 % (w/w)
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,15 - 0,15 % (w/w)

## 2.2. Type(s) of formulation of the meta SPC 3

Formulation type(s)	Soluble concentrate (SL): meta-SPC 1 and meta-SPC 2; Any other liquid (AL): meta-SPC 3
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### 3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 3

Hazard statements	H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. EUH208: Contains <name of sensitising substance>. 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) OF THE META SPC

### 4.1. Use description 1

**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)	<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>indoor use 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: Manual dipping</p> <p>Detailed description: Manual dipping</p>
Application rate(s) and frequency	<p>Application Rate: without protection against termites: Use class 1: 25 ml/m<sup>2</sup> Use class 2: 37 ml/m<sup>2</sup> Use class 3: 58 ml/m<sup>2</sup> (with topcoat); 150 ml/m<sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 50 ml/m<sup>2</sup> Use class 2: 50 ml/m<sup>2</sup> Use class 3: 75 ml/m...</p> <p>Dilution (%): 100%</p> <p>Number and timing of application: The application rates are applied in 1 application.</p>
Category(ies) of users	industrial ; trained professional ; professional
Pack sizes and packaging material	<p>Bottle (HDPE opaque) 0.5, 1L Can (HDPE opaque) 0.5, 1, 5, 10, 15, 20L IBC (HDPE opaque) 600, 1000L</p>

#### 4.1.1. Use-specific instructions for use

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

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.

#### 4.1.3. 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.

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

See general directions for use.

#### 4.1.5. 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 2

**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 <sup>2</sup> Use class 2: 37 ml/m <sup>2</sup> Use class 3: 58 ml/m <sup>2</sup> (with topcoat); 150 ml/m <sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 50 ml/m <sup>2</sup> Use class 2: 50 ml/m <sup>2</sup> Use class 3: 75 ml/m <sup>2</sup> ...  Dilution (%): 100%  Number and timing of application: The application rates of 25 - 75 ml/m <sup>2</sup> are applied in 1 application, while the application rate of 150 ml/m <sup>2</sup> 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 for use

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

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.

#### 4.2.3. 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.

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

See general directions for use.

#### 4.2.5. 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 3

**Table 3. Brushing/roller by non-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

	<p>Scientific name: <i>Hylotrupes bajulus</i> L.  Common name: house longhorn beetle  Development stage: larvae</p> <p>Scientific name: <i>Reticulitermes</i> sp.  Common name: Termites (genus <i>Reticulitermes</i>)  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/m<sup>2</sup> Use class 2: 37 ml/m<sup>2</sup> Use class 3: 58 ml/m<sup>2</sup> (with topcoat); 150 ml/m<sup>2</sup> (without topcoat) • with protection against termites: Use class 1: 50 ml/m<sup>2</sup> Use class 2: 50 ml/m<sup>2</sup> Use class 3: 75 ml/m<sup>2</sup>...</p> <p>Dilution (%): 100%</p> <p>Number and timing of application:  The application rates of 25 - 75 ml/m<sup>2</sup> are applied in 1 application, while the application rate of 150 ml/m<sup>2</sup> 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  Can (HDPE opaque) 0.5, 1, 5, 10, 15, 20L</p>

#### 4.3.1. Use-specific instructions for use

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

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.

#### 4.3.3. 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.

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

See general directions for use.

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**4.3.5. 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.

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## 5. GENERAL DIRECTIONS FOR USE OF THE META SPC 3

### 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.

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## **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.



## 7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 3

### 7.1. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Protim WB 7 Clear	Market area: IE
	Protim Endcoat 7 Clear	Market area: IE
Authorisation number	IE-0025173-0011 1-3	

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, cocoalkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	0,75
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,053
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	0,3
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,15

### 7.2. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	not marketed	Market area: IE
Authorisation number	IE-0025173-0012 1-3	

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-		active substance	60207-90-1	262-104-4	0,15

yl)methyl]-1H-1,2,4-triazole (Propiconazole)					
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	0,012
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,053
C.I. Basic Yellow 51	1,3,3-trimethyl-2-[(methylphenylhydrazono)methyl]-3H-indolium chloride	Non-active substance	55850-01-6	259-858-1	0,00335
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	0,3
Dipropylene glycol monomethyl ether	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,15

### 7.3. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Protim WB 7 Green	Market area: IE
	Protim Endcoat 7 Green	Market area: IE
Authorisation number	IE-0025173-0013 1-3	

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
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,053
butyldiglycol	2-(2-butoxy-ethoxy)ethanol	Non-active substance	112-34-5	203-961-6	0,3
2-Butoxyethanol	2-butoxyethanol	Non-active substance	111-76-2	203-905-0	0,00432
Dipropylene glycol monomethyl ether	(2-methoxymethyl)ethoxypropanol	Non-active substance	34590-94-8	252-104-2	0,15

#### 7.4. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Protim WB 7 Brown	Market area: IE
	Protim Endcoat 7 Brown	Market area: IE
Authorisation number	IE-0025173-0014 1-3	

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-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,15

## 7.5. Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	not marketed	Market area: IE
Authorisation number	IE-0025173-0015 1-3	

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, cocoalkyldimethyl, N-oxides	-	Non-active substance	61788-90-7	263-016-9	0,75
Phosphoric acid	Phosphoric acid	Non-active substance	7664-38-2	231-633-2	0,053
butyldiglycol	2-(2-butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	0,3
Dipropylene glycol	(2-methoxymethylethoxy)propanol	Non-active substance	34590-94-8	252-104-2	0,15

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monomethyl ether					
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