ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

TEKNOL AQUA 1411-01

Product type(s)

PT08: Wood preservatives

Authorisation number: 417-20

R4BP asset number: DK-0026551-0000

1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

| Trade name(s) TEKNOL AQUA 1411-01 |
|-----------------------------------|
|-----------------------------------|

1.2. Authorisation holder

| Name and address of the authorisation holder | Name | Teknos A/S |
|---|---------|-------------------------------------|
| ivalile and address of the authorisation holder | Address | Industrivej 19 6580 Vamdrup Denmark |
| Authorisation number | | 417-20 |
| R4BP asset number | | DK-0026551-0000 |
| Date of the authorisation | | 09/02/2021 |
| Expiry date of the authorisation | | 09/02/2026 |

1.3. Manufacturer(s) of the product

| Name of manufacturer | Teknos A/S |
|---------------------------------|--|
| Address of manufacturer | Industrivej 19 6580 Vamdrup Denmark |
| Location of manufacturing sites | Teknos A/S site 1 Industrivej 19 6580 Vamdrup Denmark |

| Name of manufacturer | Teknos Oy |
|-------------------------|---|
| Address of manufacturer | Takkatie 3 FI-00370 Helsinki Finland |
| | Teknos Oy site 1 Perämatkuntie 12, PL 14 FI-05201 RAJAMÄKI Finland |

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

| Active substance | 3-iodo-2-propynylbutylcarbamate (IPBC) |
|---------------------------------|---|
| Name of manufacturer | Troy Corporation |
| Address of manufacturer | 8 Vreeland Road, Florham Park 07932 New Jersey United States (the) |
| Location of manufacturing sites | Troy Corporation site 1 One Avenue L 07105 New Jersey United States (the) |

| Active substance | 3-iodo-2-propynylbutylcarbamate (IPBC) |
|---------------------------------|--|
| Name of manufacturer | Troy Chemical Europe BV |
| Address of manufacturer | Uiverlaan 12E, Maassluis 3145 XN Maassluis Netherlands (the) |
| Location of manufacturing sites | Troy Chemical Europe BV site 1 Industriepark 23 D-56593 Horhausen Germany |

| Active substance | 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole) |
|----------------------|---|
| Name of manufacturer | Janssen PMP, division of Janssen Pharmaceutica NV |

| Address of manufacturer | Turnhoutseweg 30 2340 Beerse Belgium |
|---------------------------------|--|
| Location of manufacturing sites | Janssen PMP, division of Janssen Pharmaceutica NV site 1 Jiangsu Sevencontinent Green Chemical Co. Ltd.; North Area of Dongsha Chem-Zone 215600 Zhangjiagang China |

| Active substance | 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole) |
|---------------------------------|---|
| Name of manufacturer | LANXESS Deutschland GmbH, Material Protection Products |
| Address of manufacturer | Kennedyplatz 1 D-50569 Köln Germany |
| Location of manufacturing sites | LANXESS Deutschland GmbH, Material Protection Products site 1 Syngenta Crop Protection AG, CH-4002 Basel, Switzerland. Plant location: CH-1870 Monthey Switzerland LANXESS Deutschland GmbH, Material Protection Products site 2 Jiangsu Yangnong Chemical Group Co., Ltd. Plant location: Wenfeng Road 225009 Yangzhou, Jiangsu China LANXESS Deutschland GmbH, Material Protection Products site 3 Jiangsu Seven Continent Green Chemical Co., Ltd. Plant location: North Area of Dongsha Chem-Zone 215600 Zhanjiagang, Jiangsu China |

2. PRODUCT COMPOSITION AND FORMULATION

2.1. Qualitative and quantitative information on the composition of the product

| Common name | IUPAC name | Function | CAS number | EC number | Content (%) |
|---|------------------------------|----------------------|------------|-----------|-------------|
| 3-iodo-2- propynylbutylcarb (IPBC) | amate | active substance | 55406-53-6 | 259-627-5 | 0,3 |
| 1-[[2-(2,4-dichlorophenyl)-4 propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2 triazole (Propiconazole) | | active substance | 60207-90-1 | 262-104-4 | 0,6 |
| 1- methoxypropan-2- ol | 1- methoxypropan-2- ol | Non-active substance | 107-98-2 | 203-539-1 | 0,225 |
| Monoethylene glycol | 1,2 ethanediol | Non-active substance | 107-21-1 | 203-473-3 | 0,05 |

2.2. Type(s) of formulation

ME Micro-emulsion

3. HAZARD AND PRECAUTIONARY STATEMENTS

| Hazard statements | H412: Harmful to aquatic life with long lasting effects. |
|--------------------------|--|
| | H360D: May damage the unborn child. |
| | EUH208: Contains 3-Iodo-2-propynyl-butyl carbamate and Propiconazole. May produce an allergic reaction. |
| Precautionary statements | P273: Avoid release to the environment. |
| | P501: Dispose of contents to in accordance with all local, regional, national and international regulations. |
| | P280: Wear protective gloves. |
| | P280: Wear protective clothing. |
| | P280: Wear face protection. |
| | P280: Wear eye protection. |
| | P405: Store locked up. |
| | P102: Keep out of reach of children. |
| | P308+P313: IF exposed or concerned: Get medical attention. |

4. AUTHORISED USE(S)

4.1. Use description

 ${\bf Table~1.~Use~\#1~-Industrial~-Flowcoat~-Deluge~-Automated~spraying~-Vacumat~-Brushing~machine}$

| Product type | PT08: Wood preservatives |
|--|--|
| Where relevant, an exact description of the authorised use | Fungicide |
| Target organism(s) (including development stage) | Scientific name: Ascomycetes and Deuteromycetes Common name: blue stain fungi Development stage: hyphae Scientific name: Basidiomycetes: Basidiomycetes: Common name: brown rot fungi Development stage: hyphae Scientific name: Basidiomycetes: Basidiomycetes: Common name: white rot fungi Development stage: hyphae |
| Field(s) of use | outdoor use Preventive treatment of wood Use Class 2 and Use Class 3. The product is for use on wood not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting. |
| Application method(s) | Method: Flow coat - Deluging -Automated spraying -Vacumat - Brushing machine Detailed description: The biocidal product is to be applied in indoor industrial workplaces. Treated wood is to be used in use class 2 and 3. |
| Application rate(s) and frequency | Application rate: 90 g/m2 against wood destroying fungi (Soft wood), 100 g/m2 against wood destroying fungi (hard wood), 110 g/m2 against blue stain fungi. Dilution (%): 100 Number and timing of application: Proper treatment is achieved by 1-2 applications. Under normal conditions TEKNOL AQUA 1411-01 is touch-dry after approximately 1-2 hour and can be coated after approximately 3-4 hours. Wood is treated with top coat before taken into service. |
| Category(ies) of users | industrial |
| Pack sizes and packaging material | Can/drum: 10, 20, 200, 1000 liters - metal with metal lid/cap (tinplate with epoxy resin coating) |

4.1.1. Use-specific instructions

Please refer to section 5.1

4.1.2. Use-specific risk mitigation measures

4.1.3. Use-specific risk mitigation measures

TEKNOL AQUA 1411-01 may only be loaded into industrial application equipment via a fully-automated dosing system.

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). Wear suitable protective footwear (EN 13832) when applying the product

Also refer to general risk mitigation measures

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

Please refer to section 5.3

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

Please refer to section 5.4

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

Please refer to section 5.5

4.2. Use description

Table 2. Use #2 -Industrial -Automated dipping

| Product type | PT08: Wood preservatives |
|--|--|
| Where relevant, an exact description of the authorised use | Fungicide |
| Target organism(s) (including development stage) | Scientific name: Ascomycetes and Deuteromycetes Common name: blue stain fungi Development stage: hyphae Scientific name: Basidiomycetes: Basidiomycetes: |

| Common name: brown rot fungi Development stage: hyphae |
|--|
| Scientific name: Basidiomycetes: Basidiomycetes: Common name: white rot fungi Development stage: hyphae |
| outdoor use |
| Preventive treatment of wood Use Class 2 and Use Class 3. The product is for use on wood not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting. |
| Method: Automated dipping |
| Detailed description: The biocidal product is to be applied by automated dipping in indoor industrial workplaces. Treated wood is to be used in use class 2 and 3. |
| Application rate: 90 g/m2 against wood destroying fungi (Soft wood), 100 g/m2 against wood destroying fungi (hard wood), 110 g/m2 against blue stain fungi. |
| Dilution (%): 100 |
| Number and timing of application: Proper treatment is achieved by 1-2 applications. Under normal conditions TEKNOL AQUA 1411-01 is touch-dry after approximately 1-2 hour and can be coated after approximately 3-4 hours. Wood is treated with top coat before taken into service. |
| industrial |
| Can/drum: 10, 20, 200, 1000 liters - metal with metal lid/cap |
| (tinplate with epoxy resin coating) |
| |

4.2.1. Use-specific instructions

Please refer to section 5.1

4.2.2. Use-specific risk mitigation measures

4.2.3. Use-specific risk mitigation measures

TEKNOL AQUA 1411-01 may only be loaded into industrial application equipment via a fully-automated dosing system.

Product TEKNOL AQUA 1411-01 must only be used in fully automated dipping processes where all steps in the treatment and drying process are mechanised and no manual handling takes place including when the treated articles are transported through the dip tank to the draining/drying and storage areas (if not already surface dry before moving to storage). Where appropriate, the wooden articles to be treated must be fully secured (e.g. via tension belts or clamping devices) prior to treatment and during the dipping process, and must not be manually handled until after the treated articles are surface dry.

Wear suitable protective footwear (EN 13832) when applying the product.

Also, refer to the general risk mitigation measures

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

Please refer to section 5.3

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

Please refer to section 5.4

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

Please refer to section 5.5

4.3. Use description

Table 3. Use #3 -Industrial and professional manual dipping

| Product type | PT08: Wood preservatives |
|--|---|
| Where relevant, an exact description of the authorised use | Fungicide |
| Target organism(s) (including development stage) | Scientific name: Ascomycetes and Deuteromycetes Common name: blue stain fungi Development stage: hyphae |
| | Scientific name: Basidiomycetes: Basidiomycetes: Common name: brown rot fungi Development stage: hyphae |

| Scientific name: Basidiomycetes: Basidiomycetes: Common name: white rot fungi Development stage: hyphae |
|--|
| outdoor use |
| Preventive treatment of wood Use Class 2 and Use Class 3. The product is for use on wood not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting. |
| Method: Manual dipping |
| Detailed description: The biocidal product is to be applied by manual dipping in indoor industrial or professional workplaces. Treated wood is to be used in use class 2 and 3. |
| Application rate: 90 g/m2 against wood destroying fungi (Soft wood), 100 g/m2 against wood destroying fungi (hard wood), 110 g/m2 against blue stain fungi. |
| Dilution (%): 100 |
| Number and timing of application: |
| Proper treatment is achieved by 1-2 applications. Under normal conditions TEKNOL AQUA 1411-01 is touch-dry after approximately 1-2 hour and can be coated after approximately 3-4 hours. Wood is treated with top coat before taken into service. |
| industrial; trained professional; professional |
| Industrial: Can/drum: 10, 20, 200, 1000 liters - metal with metal lid/cap |
| (tinplate with epoxy resin coating) |
| Professional: Can: 10, 20 liters - metal with metal lid/cap (tinplate with epoxy resin coating) |
| |

4.3.1. Use-specific instructions

Please refer to section 5.1

4.3.2. Use-specific risk mitigation measures

4.3.3. Use-specific risk mitigation measures

TEKNOL AQUA 1411-01 may only be loaded into containers used in connection with industrial or professional application via an automated/semi-automated dosing system.

Application by manual dipping cannot exceed 30 minutes per day.

Application by manual dipping must be carried out within a contained area, situated on an impermeable surface. Storage of treated wood must either be under cover with a recovery system in place or on an impermeable surface).

Also, refer to the general risk mitigation measures

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

Please refer to section 5.3

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

Please refer to section 5.4

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

Please refer to section 5.5

4.4. Use description

Table 4. Use #4 -Professional -Brushing, pad or roller

| Product type | PT08: Wood preservatives |
|--|--|
| Where relevant, an exact description of the authorised use | Fungicide |
| Target organism(s) (including development stage) | Scientific name: Ascomycetes and Deuteromycetes Common name: blue stain fungi Development stage: hyphae Scientific name: Basidiomycetes: Basidiomycetes: |

| | Common name: brown rot fungi Development stage: hyphae |
|---|--|
| | Scientific name: Basidiomycetes: Basidiomycetes: Common name: white rot fungi Development stage: hyphae |
| Field(s) of use | outdoor use |
| | Preventive treatment of wood Use Class 2 and Use Class 3. The product is for use on wood not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting. |
| Application method(s) | Method: Manual dipping |
| | Detailed description: The biocidal product is to be applied by brush, pad or roller outdoors. Treated wood is to be used in use class 2 and 3. |
| Application rate(s) and frequency | Application rate: 90 g/m2 against wood destroying fungi (Soft wood), 100 g/m2 against wood destroying fungi (hard wood), 110 g/m2 against blue stain fungi. |
| | Dilution (%): 100 |
| | Number and timing of application: |
| | Proper treatment is achieved by 1-2 applications. Under normal conditions TEKNOL AQUA 1411-01 is touch-dry after approximately 1-2 hour and can be coated after approximately 3-4 hours. Wood is treated with top coat before taken into service. |
| Catagory (i.e.) of years | mun faccional |
| Category(ies) of users Pack sizes and packaging material | professional Can: 10, 20 litars metal with metal lid/can (tipplate with energy) |
| Pack sizes and packaging material | Can: 10, 20 liters - metal with metal lid/cap (tinplate with epoxy resin coating) |

4.4.1. Use-specific instructions

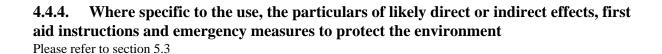
Please refer to section 5.1

4.4.2. Use-specific risk mitigation measures

4.4.3. Use-specific risk mitigation measures

TEKNOL AQUA 1411-01 may only be loaded into containers used in connection via an automated/semi-automated dosing system.

Also, refer to the general risk mitigation measures



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

Please refer to section 5.4

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

Please refer to section 5.5

5. GENERAL DIRECTIONS FOR USE¹

5.1. Instructions for use

A top-coat must be applied to treated timber. The topcoat cannot contain a film- or wood preservative. The topcoat has to be maintained.

The authorisation holder must assure that wood treated with TEKNOL AQUA 1411-01 always receives a top coat.

Wear suitable protective clothing (coveralls, gloves, footwear) when applying the product and when handling freshly treated timber. Avoid excessive contamination of coveralls.

Pre-treatment:

The wood must be clean and free from wood dust and contamination. The moisture content of the wood should be:

Windows and doors: approx. 13 % and should not exceed 15 %.

Cladding: $18 \pm 2 \%$.

The product is delivered ready for use. Stir the product well before use.

Due to evaporation, the solid content of the liquid must be adjusted with water regularly. This adjustment is based on the measured solid of the liquid in the system.

Optimum temperature for products and surroundings is 18-22 ° C

Optimum relative air humidity: Approximately 50 %

Drying time determined at 20 °C and 50% relative humidity:

Dry to handle -1-2 hours

Dry to recoat -3-4 hours

The drying time can be reduced using special drying systems to force drying. The drying times are approximate and may vary according to wood quality, temperatures, humidity and ventilation.

Equipment to be cleaned with water.

Handle product and dry freshly treated wood in areas with good ventilation.

Inform the registration holder if the treatment is ineffective.

5.2. Risk mitigation measures

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information). A protective coverall (at least type 6, EN 13034) shall be worn.

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

Freshly treated timber must be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water and that any losses of the product shall be collected for reuse or disposal.

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.

Any contaminated water/soil shall be collected, contained and treated as hazardous waste.

Do not use indoors, except for external window frames and external doors.

Wood treated with TEKNOL AQUA 1411-01 shall not be placed on the market to produce furniture and play structures.

The biocidal product shall not be used for treatment of wood which is intended for contact with food, feed or livestock.

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

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

Any contaminated water/soil shall be collected, contained and treated as hazardous waste.

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

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

FIRST AID: General information:

IF INHALED: Get medical attention.

IF INGESTED: Get medical attention.

IF ON SKIN: Take off all contaminated clothing and wash it before reuse. Wash skin with water. If skin iriitation or rash occur: Get medical advice.

IF IN EYES If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.

Environment

Avoid discharge to lakes, streams, sewers, etc. In the event of a leakage to the surroundings, contact the local environmental authorities. Consider putting up waste collecting trays/basins to prevent leakage to the surroundings.

Methods and material for containment and cleaning up: use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

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

Avoid release to the environment. Do not empty into drains.

Do not contaminate ground, water bodies or water courses with chemical or used container.

Collect spillage.

Dispose of contents/container to an approved waste disposal plant.

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

The product must be stored at temperatures between 5°C and 20°C in well closed containers. Protect from direct sunlight.

Shelf life: 24 months.

6. OTHER INFORMATION

Appendix 1

Information for label and instructions for use for TEKNOL AQUA 1411-01 BPR-reg. No. 417-20

I. The label must be designed in accordance with Article 69 of the Biocidal Products Regulation (Regulation (EU) No. 528/2012), and the CLP Regulation.

II. It is solely the responsibility of the applicant/authorisation holder to ensure that the label, labelling and packaging comply with the requirements of the law, cf. Article 69 of the Biocidal Products Regulation.

The following text in Title III is a contribution to compliance with the rules and thus only a part of the requirements imposed on the etiquette, among other things.

III. The label must contain the following information. Information in quotation marks must be stated verbatim:

1) In the main field:

"Wood preservative (PT8)

May only be used commercially above ground for wood protection against blue stain and wood-destroying fungus. To be used only in use classes 2 and 3 cf. DS/EN335-1."

2) In the warning box:

"DANGER

May harm the unborn child (H360D).

Harmful to aquatic life, with long-lasting effects (H412).

Wear protective clothing. Wear chemically resistant protective gloves when using the product. "The glove material must be specified by the authorisation holder in the product data sheet.

"Avoid emissions to the environment.

Wash your skin after work."

Violation of the following specially highlighted regulations may result in a penalty:

May only be used above ground for wood protection against blue stain and wood-destroying fungus. To be used only in use classes 2 and 3 cf. DS/EN335-1.

Use only commercially in doses of 90-110 g/m2; Industrial by manual and fully automated immersion, automated spraying, flow coating/defogging, brushing machine and vacuum, and professionally by manual immersion and brush/roller.

The product TEKNOL AQUA 1411-01 may also be used in the specified dosage in fully automated immersion processes, where all steps of the treatment and drying process are mechanised and do not involve manual handling, including when the treated articles are transported through the dipping tank to the drainage/drying area and the warehouse (if they are not already dry on the surface before being moved to the warehouse). If necessary, the wooden articles to be treated must be fully fixed (e.g. with clamps or clamping devices) before treatment and during the immersion process, and must not be handled manually until the surface of the treated articles is dry.

Do not use indoors.

Treated wood may only be used indoors for window frames and exterior doors.

A protective one-piece must be worn (as a minimum type 6, EN 13034). Wear suitable safety footwear (EN 13832) for industrial use and professional manual immersion of the product.

For manual immersion, the product may be used for a maximum of 30 minutes a day.

In industrial applications, the product must be transferred to treatment equipment via a fully automatic method. For professional use, the product must be transferred from 20 L packs to treatment equipment via a semi-automatic or fully automatic method.

Do not use directly on or near food, feed or beverages, or on surfaces or utensils that may be in direct contact with food, feed, beverages and animals.

When applying, the soil must be covered so that any spillage is collected.

The treated wood must be surface treated with, for example, a paint. The surface treatment must be maintained on an ongoing basis.

Do not empty into sewer drains.

Keep under lock and out of reach of children.

Do not store with food, beverages and feed.

The packaging must not be recycled.

After treatment, newly treated wood must be placed under cover or on a hard and impermeable surface to prevent direct spillage to soil and water.

Any unused product should be collected for reuse or proper disposal.

The instructions above must be clearly stated on a fact sheet or similar documentation that accompanies the treated wood."

Hazard pictogram GHS08

The Danish EPA draws attention to the fact that the approval holder must provide information about first aid, including:

If medical attention is needed, bring the container or label with you.

in case of exposure or suspected exposure: Seek medical attention.

- 3) In the declaration field:
- a) The text "Wood preservative BPR-reg. No. 417-20. Active substances and biocidal products are approved in accordance with the Biocidal Products Regulation (Regulation (EU) No 528/2012)".
- b) Information on the type of product: "Liquid" for this product.
- c) The content of the active substances by weight (% w/w) and g/L at 20 °C.
- d) The phrases 'Contains 1-methoxypropan-2-ol (PGME)), monoethylene glycol, octamethylcyclotetrasiloxane (D4), decamethylcyclopentasiloxane (D5) and dodecamethylcyclohexasiloxane (D6)' and 'Contains propiconazole and 3-iodo-2-propynylbutylcarbamate (IPBC). May trigger allergic reaction".
- e) The expiry date must be indicated. This date must not be more than 2 years after the date of production. The date of the label can be designed as a reference to a date of manufacture elsewhere on the packaging.
- f) The batch number or designation must be indicated.
- g) Pack size in L.
- h) Name and address of the authorisation holder.

4) Instructions for use:

Information on pests, scope of application and dosages.

The instructions for use must be corrected after the enclosed efficacy assessment from Institut technologique FCBA.

The following guidelines apply in relation to disposal.

A safety statement P501 must be labelled: "The contents/container must be disposed of in accordance with municipal waste management regulations."

In addition, labelling must be carried out in accordance with the following guidelines:

"Empty packaging and residues must be handed in to the municipal waste scheme for hazardous waste."