

Summary of product characteristics for a biocidal product

Product name: Lignum Universal Wood Preserver

Product type(s): PT08 - Wood preservatives (Preservatives)

PT08 - Wood preservatives (Preservatives)

PT08 - Wood preservatives (Preservatives)

Authorisation number: UK-2019-1194

R4BP 3 asset reference number: UK-0014669-0002

Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	1
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	3
3. Hazard and precautionary statements	3
4. Authorised use(s)	3
4.1.1 Use-specific instructions for use	5
4.1.2 Use-specific risk mitigation measures	5
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	5
4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	5
4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	5
4.2.1 Use-specific instructions for use	6
4.2.2 Use-specific risk mitigation measures	7
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	7
4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	7
4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	7
4.3.1 Use-specific instructions for use	8
4.3.2 Use-specific risk mitigation measures	8
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	9
4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	9
4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	9
5. General directions for use	9
5.1. Instructions for use	9

5.2. Risk mitigation measures	9
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	10
5.4. Instructions for safe disposal of the product and its packaging	10
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	10
6. Other information	11

Administrative information

1.1. Trade names of the product

Lignum Universal Wood Preserver

1.2. Authorisation holder

Name and address of the authorisation holder

Name	Enviroquest Research Ltd
Address	Unit E8/E9, Ashlyn Road West Meadows Industrial Estate DE21 6XE Derby United Kingdom

Authorisation number

UK-2019-1194 1-2

R4BP 3 asset reference number

UK-0014669-0002

Date of the authorisation

25/03/2019

Expiry date of the authorisation

25/03/2024

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer

Enviroquest GPT Limited

Address of the manufacturer

Unit E8/E9 DE21 6XE Derby United Kingdom
--

Location of manufacturing sites

Unit E8/E9 DE21 6XE Derby United Kingdom
--

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

Active substance	1342 - Permethrin
Name of the manufacturer	Caldic Denmark A/S (Acting for Tagros Chemicals India Ltd.)
Address of the manufacturer	Caldic Denmark A/S: Odinsvej 23, 8722 Hedensted Denmark
Location of manufacturing sites	Tagros Chemicals India Limited A4 / 1 & 2 SIPCOT INDUSTRIAL COMPLEX, PACHAYANKUPPAM 607 005 CUDDALORE Tamil Nadu India
Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	Troy Chemical Company
Address of the manufacturer	Uiverlaan 12e P.O. Box 132 AC Maassluis Netherlands
Location of manufacturing sites	8 Vreeland Road P.O. Box 955, Florham Park 07932 New Jersey New Jersey United States
Active substance	48 - 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of the manufacturer	Janssen PMP
Address of the manufacturer	Turnhoutseweg 30 2340 Beerse Belgium
Location of manufacturing sites	Jiangsu Sevencontinent Green Chemical Co. Ltd. North Area of Dongsha Chem-Zone. 215600 Zhangjiagang China

2. Product composition and formulation

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole		Active Substance	60207-90-1	262-104-4	0.766
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	0.253
Permethrin		Active Substance	52645-53-1	258-067-9	0.266
Neodol 91.5	Alcohols, C9-C11, ethoxylated		68439-46-3	614-482-0	2

2.2. Type of formulation

ME - Micro-emulsion

3. Hazard and precautionary statements

Hazard statements

Causes serious eye irritation.

May damage the unborn child.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Contains Contains 3-Iodo-2-Propynyl-N-Butyl Carbamate (IPBC), Propiconazole, Permethrin and 1,2-benzisothiazol-3(2H)-one.. May produce an allergic reaction.

Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash hands and exposed skin thoroughly after handling.

Wear protective gloves.

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned:Get medical attention.

If eye irritation persists:Get medical attention.

Collect spillage.

Store locked up.

Dispose of contents to a licensed hazardous-waste disposal contractor or collection site.

Dispose of container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste..

Avoid release to the environment.

Wear protective clothing.

Wear eye protection.

Wear face protection.

4. Authorised use(s)

4.1 Use description

Use 1 - Professional use - use class 1

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	Wood preservative for application to soft and hardwood
Target organism(s) (including development stage)	Hylotrupes bajulus L.-Wood boring beetles-Larvae Anobium punctatum De Geer-Wood boring beetles Lyctus brunneus-Wood boring beetles Reticulitermes sp.-TermitesAll
Field(s) of use	Indoor Use class 1
Application method(s)	Open system: brush treatment - The product will be applied by a brush or low pressure spray application.
Application rate(s) and frequencies	100-300 ml/m ² - 0 - For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>): Apply product at a rate of 300 ml/m ² For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>): Apply product at a rate of 100-200 ml/m ² For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Apply at a rate of 200 ml/m ² For a preventative treatment against termites (<i>Reticulitermes</i> spp.): Apply product at a rate of 200 ml/m ²
Category(ies) of users	Professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.1.1 Use-specific instructions for use

See 5.1

4.1.2 Use-specific risk mitigation measures

See 5.2

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 5.3

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

See 5.4

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

See 5.5

4.2 Use description

Use 2 - Professional use - use class 2

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative
for application to soft and hardwood

Target organism(s) (including development stage)

Hylotrupes bajulus L.-Wood boring beetles-Larvae
Anobium punctatum De Geer-Wood boring beetles
Lyctus brunneus-Wood boring beetles
Reticulitermes sp.-TermitesAll
Basidiomycetes:-Wood rotting fungiBrown rot and white rot

	wood discolouring fungi-wood discolouring fungiAll
Field(s) of use	Outdoor Use class 2
Application method(s)	Open system: brush treatment - The product will be applied by a brush or low pressure spray application.
Application rate(s) and frequencies	107-300 ml/m2 - 0 - For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>) : Lignum Pro D156 should be diluted prior to application, using 1L of product with 11.5L of water. Apply diluted product at a rate of 300 ml/m2 For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Apply product at a rate of 100-200 ml/m2 For a preventative treatment against wood boring beetles (<i>Anobium punctatum</i>): Apply at a rate of 200 ml/m2 For a preventative treatment against termites (<i>Reticulitermes</i> spp.) : Apply product at a rate of 200 ml/m2 For a preventative treatment against wood rotting fungi (Basidiomycetes) : Apply product at a rate of 107 – 200 ml/m2 For a preventative treatment against wood discolouring fungi: Apply product at a rate of 200 ml/m2
Category(ies) of users	Professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.2.1 Use-specific instructions for use

See 5.1

4.2.2 Use-specific risk mitigation measures

When UC 2 application takes place outdoors under a roof, soil/ground in the vicinity of timber to be treated must be protected with a tarpaulin or plastic sheeting) until treated surfaces are "dry" (i.e. they no longer drip). Any waste should be disposed of safely in line with national waste management measures (product should be left to dry and any solids added to domestic waste for disposal at landfill).

During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product must be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

Treatment of timber must not take place over/near surface water bodies.

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 5.3

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

See 5.4

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

See 5.5

4.3 Use description

Use 3 - Professional use - use class 3

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Wood preservative
for application to soft and hardwood

Target organism(s) (including development stage)

Hylotrupes bajulus L.-Wood boring beetles-Larvae
Anobium punctatum De Geer-Wood boring beetles
Lyctus brunneus-Wood boring beetles
Reticulitermes sp.-TermitesAll
Basidiomycetes:-Wood rotting fungiBrown rot and white rot

	Wood discolouring fungi-Wood discolouring fungiAll
Field(s) of use	Outdoor Use class 3
Application method(s)	Open system: brush treatment - The product will be applied by a brush
Application rate(s) and frequencies	107-300 ml/m2 - 0 - For curative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>, <i>Anobium punctatum</i>, <i>Lyctus brunneus</i>) : Apply product at a rate of 300 ml/m2 For a preventative treatment against wood boring beetles (<i>Hylotrupes bajulus</i>) : Apply product at a rate of 100-200 ml/m2 For a preventative treatment against termites (<i>Reticulitermes</i> spp.) : Apply product at a rate of 200 ml/m2 For a preventative treatment against wood rotting fungi (Basidiomycetes) : Apply product at a rate of 107 – 200 ml/m2 For a preventative treatment against wood discolouring fungi: Apply product at a rate of 200 ml/m2
Category(ies) of users	Professional
Pack sizes and packaging material	1-25 litre HDPE container with squeeze lock cap 1-25 litre steel container with berg plastic closure

4.3.1 Use-specific instructions for use

See 5.1

4.3.2 Use-specific risk mitigation measures

For application by brush only, at a maximum active substance application rate of 2.25 g/m² propiconazole, 0.75 g/m² IPBC and 0.75 g/m² permethrin and only where a treatment system that includes an undercoat and a non biocidal topcoat is employed.
Treatment of timber must not take place over/near surface water bodies
During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained (e.g. by appropriate covering of soil with a tarpaulin) and disposed of in a safe way.

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 5.3

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

See 5.4

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

See 5.5

5. General directions for use

5.1. Instructions for use

Do not touch or walk through spilt material.

When dealing with spillage to not eat, drink or smoke.

Avoid breathing vapour or mist. Provide adequate ventilation.

Unprotected persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions.

Any product on skin should be washed off. Persons and animals should be excluded from the area being treated and should remain excluded until surfaces are dry, which may vary depending on climatic conditions. Treated surfaces should not be touched until dry. 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

Always read the label or leaflet before use and follow all the instructions provided.

Inform the registration holder if the treatment is ineffective.

5.2. Risk mitigation measures

FOR USE ONLY BY PROFESSIONAL OPERATORS.

The COSHH (Control of Substances Hazardous to Health) Regulation 2002 (as amended) apply to the use of this product at work.

Wear a protective coverall (at least type 6, EN 13034), suitable protective gloves and eye/face protection when handling the concentrate or applying the product (glove material to be specified by the authorisation holder within the product information)

Avoid contact with eyes

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

Do not contaminate foodstuffs, eating utensils or food contact surfaces.

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

May cause harm to bats. All bats are protected under the Wildlife and Countryside Act 1981. Before treating any structure used by bats, consult Natural England, Scottish Natural Heritage or the Countryside Council for Wales.

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

Pyrethroids and pyrethrins may cause paraesthesia (burning and prickling of the skin without irritation). If symptoms persist get medical advice.

This product contains Permethrin; Pyrethroids can cause facial paraesthesia

Poisoning may cause: Irritation or/and allergic skin reaction, irritation of eyes, mucosa, respiratory tract and gastrointestinal tract.

Basic First aid procedures:

IF ON SKIN: wash with soap and plenty of water, without rubbing.

IF IN EYES: remove contact lenses, rinse with plenty of water for at least 15 minutes.

IF SWALLOWED: do NOT induce vomiting.

If necessary attend hospital and show the label or packaging if possible. Do not leave poisoned person unattended.

UK medical professionals should contact the National Poisons Information Service (www.npis.org) for further advice.

Collect spillage if safe to do so.

Treatment advice for doctors and medical personnel:

Symptomatic and support treatment.

IF MEDICAL ADVICE IS NEEDED, HAVE THE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT THE NATIONAL POISONS INFORMATION SERVICE.

Contain and collect spillage with a suitable absorbent and put into a labelled lockable container for disposal as hazardous waste.

Avoid accidental discharge into sewers, surface water or soil.

Soil contaminated by the product should be treated as hazardous waste.

In case of an accidental discharge of a large amount of the product to surface water, groundwater or sewer inform the appropriate authorities according to local regulations.

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

Empty containers, unused product and other waste generated during treatment are considered hazardous waste. Dispose of in accordance with local regulations. Do not release to soil, ground, surface water or sewers

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

Store in a cool, well ventilated area
Keep container tightly closed
The floor of the storage room must be impermeable to prevent the escape of liquid
Must only be kept in original packaging
Shelf life 2 years

6. Other information

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

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