

Summary of product characteristics for a biocidal product

Product name: Luxan Houtinsecticide-P

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

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Authorisation number:

R4BP 3 asset reference number: NL-0016852-0000

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Administrative information

1.1. Trade names of the product

Perfac's Houtwormmiddel
Luxan Houtinsecticide-P NW
Perwood Houtwormmiddel
Luxan Houtinsecticide-P
Tenco Anti Houtworm
HGX Tegen houtworm

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Denka REGISTRATIONS bv
	Address	Gildeweg 37a 3771NB Barneveld Netherlands
Authorisation number		
R4BP 3 asset reference number	NL-0016852-0000	
Date of the authorisation	03/07/2020	
Expiry date of the authorisation	03/07/2030	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Denka International BV
Address of the manufacturer	Gildeweg 37 3771 NB Barneveld Netherlands
Location of manufacturing sites	Hanzeweg 1 3771 NG Barneveld Netherlands

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

Active substance	1342 - Permethrin
Name of the manufacturer	LANXESS Deutschland GmbH Material Protection Products Business Line Biocides
Address of the manufacturer	Kennedyplatz 1 50569 Köln Germany
Location of manufacturing sites	Bayer Vapi Private Limited, Plot # 306/3 II Phase, GIDC, Vapi 396 195 Gujarat India

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 (%)
Permethrin		Active Substance	52645-53-1	258-067-9	0,22
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics			64742-47-8		50

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements	May be fatal if swallowed and enters airways. Very toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking. Contains permethrin. May produce an allergic reaction.
Precautionary statements	Keep out of reach of children. Avoid release to the environment. IF SWALLOWED: Immediately call a doctor.

Do NOT induce vomiting.

If medical advice is needed, have product container or label at hand.

Dispose of contents to and container to hazardous of special waste collection point.

Store locked up.

4. Authorised use(s)

4.1 Use description

Use 1 - 1 - professional - preventive application

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Coleoptera: Common name: Wood boring beetles Development stage: Larvae
Field(s) of use	Indoor Preventive treatment of wood in service, Use Class 1
Application method(s)	Spraying - Spraying with a spraying device at low pressure with large droplets or brushing (standard brush).
Application rate(s) and frequencies	125 gram product per m ² wood corresponding to about 158 mL product per m ² wood Frequency for the wood: once to twice in a service life of the wood. - - - -
Category(ies) of users	Professional
Pack sizes and packaging material	Can, jerry can, drum, IBC: 5 - 1000 L HDPE Can, jerry can, drum, IBC: 5 - 1000 L COEX PE/PA Can, jerry can, drum, IBC: 5 - 1000 L steel

4.1.1 Use-specific instructions for use

Professional preventive spraying or brushing: Apply 125 gram product per m² wood corresponding to about 158 mL product per m² wood with a brush or with a spraying device for large droplets/low pressure

4.1.2 Use-specific risk mitigation measures

Wear chemical resistant gloves (material to be specified by the authorisation holder within the product information) during handling of the product.

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

Use 2 - 2 - professional- curative application

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Professional spraying or brushing for curative treatment of wood under cover (roof).

Target organism(s) (including development stage)

Scientific name: Coleoptera:
Common name: Wood boring beetles
Development stage: Larvae

Field(s) of use

Indoor

In-situ treatment of wood in service.

Application method(s)

Spraying -
Spraying with a spraying device at low pressure with large droplets or brushing (standard brush).

Application rate(s) and frequencies

250 gram product per m² wood corresponding to about 316 mL product per m² wood
Frequency for the wood: once to twice in a service life of the wood - - -
-

Category(ies) of users

Professional

Pack sizes and packaging material

Can, jerry can, drum, IBC: 5 - 1000 L HDPE
Can, jerry can, drum, IBC: 5 - 1000 L COEX PE/PA
Can, jerry can, drum, IBC: 5 - 1000 L steel

4.2.1 Use-specific instructions for use

Professional curative spraying or brushing:
Apply 250 gram product per m² wood corresponding to about 316 mL product per m² wood with a brush or with a spraying device for large droplets/low pressure.
Apply the required amount of product in two applications, in such a manner that runoff is prevented.
Frequency: once to twice in a service life of the wood.
It is advised to perform periodical checks and at least a check one year after treatment. When wood dust/frass is found, then a second (local) treatment is required.

4.2.2 Use-specific risk mitigation measures

Wear chemical resistant gloves (material to be specified by the authorisation holder within the product information) during handling of the product.

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

Use 3 - 3 - non-professional - preventive application

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

-

Target organism(s) (including development stage)

Scientific name: Coleoptera:
Common name: Wood boring beetles
Development stage: Larvae

Field(s) of use

Indoor

Preventive treatment of wood in service, in Use Class 1

Application method(s)

Trigger spraying or brushing -

-

Application rate(s) and frequencies

125 gram product per m² wood corresponding to about 158 mL product per m² wood
Frequency for the wood: once to twice in a service life of the wood. - - -

-

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Can, jerry can: 0.5 - 5 L HDPE
Can, jerry can: 0.5 - 5 L COEX PE/PA
Can, jerry can: 0.5 - 5 L steel
Packaging to be fitted with child-resistant fastenings
Packaging to be fitted with a tactile warning

4.3.1 Use-specific instructions for use

Non-professional preventive spraying or brushing: Apply 125 gram product per m² wood corresponding to about 158 mL product per m² wood with a brush or with a hand-held trigger spray.

4.3.2 Use-specific risk mitigation measures

Do not apply the product overhead using trigger sprayer
After use, dispose trigger sprayer or brush to hazardous or special waste collection point.

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

Use 4 - 4 - non-professional - curative application

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

-

Target organism(s) (including development stage)

Scientific name: Coleoptera:
Common name: Wood boring beetles
Development stage: Larvae

Field(s) of use

Indoor
In-situ treatment of wood in service.

Application method(s)

Trigger spraying or brushing -
-

Application rate(s) and frequencies

250 gram product per m² wood corresponding to about 316 mL product per m² wood
Frequency for the wood: once to twice in a service life of the wood - - -
-

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Can, jerry can: 0.5 - 5 L HDPE
Can, jerry can: 0.5 - 5 L COEX PE/PA
Can, jerry can: 0.5 - 5 L steel

Packaging to be fitted with child-resistant fastenings
Packaging to be fitted with a tactile warning

4.4.1 Use-specific instructions for use

Non-professional curative spraying or brushing:

Apply 250 gram product per m² wood corresponding to about 316 mL product per m² wood with a brush or hand-held trigger spray. Apply the required amount of product in two application, in such a manner that runoff is prevented.

It is advised to perform periodical checks and at least a check one year after treatment. When wood dust/frass is found, then a second (local) treatment is required

4.4.2 Use-specific risk mitigation measures

Do not apply the product overhead using trigger sprayer

After use, dispose trigger sprayer or brush to hazardous or special waste collection point.

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.

5. General directions for use

5.1. Instructions for use

Before treatment:

First clean the wood from dust, dirt, frass. This has to be done 'dry'.

Both frass and disposed wood need to be removed and preferably burnt.

Remove paint, stain or wax layers.

All required work on the wood (sanding, sawing etc.) has to be finished before treatment with the product is started.

5.2. Risk mitigation measures

Only allowed on wood inside a construction (use class 1)

Do not use to product in places accessible to children aged 0-4 years

To protect aquatic organisms, run-off to soil or surface water needs to be prevented. Therefore treatment with this product needs to take place indoors.

Discharge of leftover product and residues containing the product (e.g. solvents or water used for the cleaning of brushes or trigger spray bottles) to the sewer, soil or surface water is not permitted. Leftovers and residues containing the product (e.g. solvents or water used for cleaning of trigger spray bottles) need to be treated and discarded as chemical waste.

Can be harmful to protected species such as bats, hornets or birds. The presence of protected species in the area to be treated must be assessed prior to use of the product. Appropriate protective measures must be taken if necessary.

Do not put food/feed on treated (wet or dry) floors/wood/surfaces.

Keep pets/animals out of reach during treatment and during drying of the wood.

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

Do not get in eyes, on skin, or on clothing

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

Particulars of likely direct or indirect effects:

Possible effects (poisoning is unlikely, given permethrin concentration in product; common effect of pyrethroid intoxication: tingling sensation in extremities might be possible):

May be fatal if swallowed and enters airways (aspiration hazard).

Repeated exposure may cause skin dryness or cracking

First aid:

Symptoms/injuries after ingestion : May be fatal if swallowed.

Treat symptomatically. No specific antidote known.

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If feeling unwell, seek medical advice.

First-aid measures after skin contact : Remove contaminated clothing and wash skin thoroughly with soap and water. Repeated exposure may cause skin dryness or cracking. Seek medical attention if irritation develops.

First-aid measures after eye contact : Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart.

Seek medical advice and show container or label.

First-aid measures after ingestion : Seek medical advice immediately and show container or label. Do NOT induce vomiting.

Emergency measures to protect the environment:

Avoid release to the environment.

For containment : Clean up any spills as soon as possible by means of an absorbent material.

Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and transfer to container for disposal. This material and its container must be disposed of in a safe way, compliant with local legislation.

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

Waste disposal recommendations : Dispose of this material and its container to hazardous or special waste collection point.

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

Storage conditions : Store in original container. Keep out of the reach of children. Do not store below 0°C.

Shelf life is 2 years

6. Other information

Additional info on 2.1

Shellsol D70 content > 50 %

Remark on 3 precautionary statements: for non-professional only:

P102 Keep out of reach of children

P101 If medical advice is needed, have product container or label at hand

P405 Store locked up

Additional info on 3:

The identity of substances in the mixture that contribute to the classification of the mixture : Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, 2% aromatics