

Summary of product characteristics for a biocidal product

Product name: XILIX GEL

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

Authorisation number: FR-2019-0051

R4BP 3 asset reference number: FR-0019380-0000

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Administrative information

1.1. Trade names of the product

XILIX GEL CORIPHENE GEL PRO +

1.2. Authorisation holder

Name and address of the authorisation holder	Name	BERKEM DEVELOPPEMENT
	Address	Marais Ouest 24680 Gardonne France
Authorisation number	FR-2019-0051	
R4BP 3 asset reference number	FR-0019380-0000	
Date of the authorisation	14/06/2018	
Expiry date of the authorisation	01/05/2028	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	ADKALIS
Address of the manufacturer	Marais Ouest F-24680 Gardonne France
Location of manufacturing sites	Marais Ouest F-24680 Gardonne France

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

Active substance	1342 - Permethrin
Name of the manufacturer	LANXESS Deutschland GmbH
Address of the manufacturer	Kennedyplatz 1 D-50569 Köln Germany
Location of manufacturing sites	Bayer Vapi Private Limited Vapi – 396 195 Gujarat India

Active substance	1342 - Permethrin
Name of the manufacturer	TAGROS Chemicals India Ltd
Address of the manufacturer	Marshalls road, Egmore Chennai 600 008 Tamil Nadu India
Location of manufacturing sites	A4 / 1 & 2 SIPCOT INDUSTRIAL COMPLEX, PACHAYANKUPPAM 607 005 CUDDALORE Tamil Nadu 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	0,51

2.2. Type of formulation

AL - Any other liquid, gel

3. Hazard and precautionary statements

Hazard statements	<p>Very toxic to aquatic life with long lasting effects.</p> <p>Contains Permethrin. May produce an allergic reaction.</p> <p>Repeated exposure may cause skin dryness or cracking.</p>
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Precautionary statements

Avoid release to the environment.

Collect spillage.

Dispose of to .

4. Authorised use(s)**4.1 Use description****Use 1 - Professionnal - Preventive treatment****Product type**

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

The product XILIX GEL is used in preventive insecticide (comprising action against termites) surface treatment

Target organism(s) (including development stage)

Scientific name: Hylotrupes bajulus
Common name: Wood boring insects
Development stage:

Scientific name: Anobium punctatum
Common name: Termites
Development stage:

Field(s) of use

Indoor

Use class 1: situation in which the wood or wood-based product is inside a construction, not exposed to the weather and wetting

Application method(s)

Spraying -

-

Application rate(s) and frequencies

48 g/m² - 162 g/m² - 0 -

For preventive insecticide treatment, the application rate of the ready-to-use product is 48 g/m². This corresponds to env. 0.24 g of permethrin per square meter of wood.

For preventive termiticide treatment, the application rate for the ready-to-use product is 162 g/m². This corresponds to env. 0.82 g of permethrin per square meter of wood.

Category(ies) of users

Professional

Pack sizes and packaging material

Can (0.75L, 5L) and bucket (12L, 22L) in iron with internal epoxy-phenolic varnish layer

4.1.1 Use-specific instructions for use

- The product can be applied by spraying.
- For preventive insecticide (including termites) treatment, the application rate of the product is 162 g/m². This corresponds to env. 0.82 g of permethrin per square meter of wood.

4.1.2 Use-specific risk mitigation measures

- Appropriate and suitable personal protective equipment (PPE) is required: chemical resistant gloves and impermeable coverall:
- Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
- Wear impermeable coverall during product handling phase (norms specified by the authorisation holder within the product information).

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

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

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

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4.2 Use description

Use 2 - Professional - Curative treatment

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	The product XILIX GEL is used in curative insecticide surface treatment
Target organism(s) (including development stage)	Scientific name: Hylotrupes bajulus Common name: Wood boring insects Development stage: Scientific name: Anobium punctatum Common name: Wood boring insects Development stage: Scientific name: Lyctus brunneus Common name: Wood boring insects Development stage:
Field(s) of use	Indoor Wood in conditions of use class 1 (indoor)
Application method(s)	Spraying - - Injection - In situ injection is intended to be always used in combination with superficial treatment.
Application rate(s) and frequencies	142 g/m ² - 0 - For curative insecticide treatment, the product can be applied with the application rate of 142 g/m ² . This corresponds to env. 0.72 g of permethrin per square meter of wood. 20 ml/hole, 3 holes/linear m, 9 holes/m ² - 0 - -
Category(ies) of users	Professional
Pack sizes and packaging material	Can (0.75L, 5L) and bucket (12L, 22L) in iron with internal epoxy-phenolic varnish layer

4.2.1 Use-specific instructions for use

<ul style="list-style-type: none">- The product can be applied by spraying and in situ injection. - For curative insecticide treatment, the product can be applied with the application rate of 142 g/m². This corresponds to env. 0.72 g of permethrin per square meter of wood. - For in situ injection the parameters are: 20 ml/hole, 3 holes/linear m, 9 holes/m².

4.2.2 Use-specific risk mitigation measures

- Appropriate and suitable personal protective equipment (PPE) is required: chemical resistant gloves and impermeable coverall:
 - o Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
 - o Wear impermeable coverall during product handling phase (norms specified by the authorisation holder within the product information).

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

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

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

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4.3 Use description

Use 3 - Non-professional - Preventive treatment

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	The product XILIX GEL is used in preventive insecticide (comprising action against termites) surface treatment
Target organism(s) (including development stage)	Scientific name: Hylotrupes bajulus Common name: Wood boring insects Development stage: Scientific name: Anobium punctatum Common name: Wood boring insects Development stage: Scientific name: Reticulitermes spp Common name: Termites

	Development stage:
Field(s) of use	Indoor Use class 1: situation in which the wood or wood-based product is inside a construction, not exposed to the weather and wetting
Application method(s)	Brushing - -
Application rate(s) and frequencies	48 g/m ² - 162 g/m ² - 0 - For preventive insecticide treatment, the application rate of the ready-to-use product is 48 g/m ² . This corresponds to env. 0.24 g of permethrin per square meter of wood. For preventive termiticide treatment, the application rate for the ready-to-use product is 162 g/m ² . This corresponds to env. 0.82 g of permethrin per square meter of wood.
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Can (0.75L, 5L) and bucket (12L, 22L) in iron with internal epoxy-phenolic varnish layer.

4.3.1 Use-specific instructions for use

<ul style="list-style-type: none"> - The product can be applied by brushing. - For preventive insecticide (including termites) treatment, the application rate of the product is 162 g/m². This corresponds to env. 0.82 g of permethrin per square meter of wood.

4.3.2 Use-specific risk mitigation measures

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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

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

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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

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4.4 Use description

Use 4 - Non Professional - Curative treatment

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	The product XILIX GEL is used in curative insecticide surface treatment
Target organism(s) (including development stage)	Scientific name: Hylotrupes bajulus Common name: Wood boring insects Development stage: Scientific name: Anobium punctatum Common name: Wood boring insects Development stage: Scientific name: Lyctus brunneus Common name: Wood boring insects Development stage:
Field(s) of use	Indoor Wood in conditions of use class 1 (indoor)
Application method(s)	Brushing - -
Application rate(s) and frequencies	142 g/m ² - 0 - For curative insecticide treatment, the product can be applied with the application rate of 142 g/m ² . This corresponds to env. 0.72 g of permethrin per square meter of wood.
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Can (0.75L, 5L) and bucket (12L, 22L) in iron with internal epoxy-phenolic varnish layer

4.4.1 Use-specific instructions for use

- The product can be applied by brushing.
- For curative insecticide treatment, the product can be applied with the application rate of 142 g/m². This corresponds to env. 0.72 g of permethrin per square meter of wood.

4.4.2 Use-specific risk mitigation measures

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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

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

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

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5. General directions for use

5.1. Instructions for use

- Always read the label or leaflet before use and follow all the instructions provided.
- Inform the registration holder if the treatment is ineffective.
- The fixation step, following the application is at minimum 4 hours.
- The treated wood has to be dried during 24 to 48 hours in ventilated place.
- The product is a Ready-To-Use product, no further dilution is required.

5.2. Risk mitigation measures

- Contain permethrin (pyrethroids), may be lethal to cats. Cats must avoid contact with treated object/area.
- Do not apply the product on wood which may come into contact with food, feedstuff or livestock.

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

- Skin contact: Remove contaminated clothing and shoes. Wash contaminated skin with soap and water. Contact poison treatment specialist if symptoms occur.
- Eye contact: Immediately flush with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easy to do. Continue to rinse with tepid water for at least 10 minutes. Get medical attention if irritation or vision impairment occurs.
- Ingestion: Wash out mouth with water. Contact poison treatment specialist. Seek medical advice immediately if symptoms occur and/or large quantities have been ingested.
- Inhalation (spray mist): Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice immediately if symptoms occur and/or large quantities have been inhaled.
- In case of impaired consciousness place in recovery position and seek medical advice immediately. Do not give fluids or induce vomiting.
- Keep the container or label available.
- Pyrethroids and pyrethrines may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.")

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

- Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets...) nor down the drains
- Dispose of unused product, its packaging and all other waste, in accordance with local regulations
- Completely empty containers. The product residue, washing water, packaging and any other waste related to the treatment should be considered as hazardous waste.
- Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste; do not dispose of waste into the environment.
- Dispose of empty containers in an incinerator approved for chemicals by the competent authorities. Damaged containers should be placed in specially marked larger ones. Check possibilities of recycling large empty containers.
- Codes of wastes (Decision 2001/573/EC; Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste): 030205 other wood preservatives containing dangerous substances.

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

- Keep container tightly closed in original package in a dry and well-ventilated place.
- Protect from light and humidity.
- Keep away from heat and sources of ignition.
- Shelf-life: 24 months

6. Other information

- The product is only to be used on wood or wood-based products which are inside a construction, not exposed to the weather and wetting.