

Summary of product characteristics for a biocidal product

Product name: PERTEX

Product type(s): PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

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Authorisation number: TP18-0483

R4BP 3 asset reference number: GR-0026725-0000

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Administrative information

1.1. Trade names of the product

PERTEX
PERTEX PLUS
PERTEX ONE
PERBLU

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Bleu Line S.r.l.
	Address	Virgilio, 28 47122 Forlì Italy
Authorisation number		TP18-0483
R4BP 3 asset reference number		GR-0026725-0000
Date of the authorisation		29/07/2021
Expiry date of the authorisation		29/07/2031

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	BLEU LINE S.r.l.
Address of the manufacturer	Via Virgilio, 28, Z.I. 47122 Villanova (FC) Italy
Location of manufacturing sites	BLEU LINE S.r.l., Via Tacito, 9 20094 CORSICO (MI) Italy
	FERBI S.r.l., viale 1° Maggio - C.da Ripoli 64023 MOSCIANO S. ANGELO (TE) Italy
	CHEMIA S.p.A., Via Statale, 327 44047 DOSSO (FE) Italy

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

Active substance	1342 - Permethrin
Name of the manufacturer	Limaru NV(acting for Tagros) (Name of substance supplier according to Art. 95)
Address of the manufacturer	Business Center Mezzo, Paalsesteenweg 170/bus 7 3583 Beringen Belgium
Location of manufacturing sites	A-4/1&2, Sipcot Industrial Complex Kudikadu, Cuddalore, 607 005 Tamil Nadu India

Active substance	1342 - Permethrin
Name of the manufacturer	Tagros Chemicals India Private Ltd.
Address of the manufacturer	No.72, Marshalls Road Jhaver Centre, IV floor 600008 Rajah Annamalai Building Egmore Chennai India
Location of manufacturing sites	A-4/1&2, Sipcot Industrial Complex Kudikadu, Cuddalore 607 005 Tamilnadu India

Active substance	1344 - 2-(2-butoxyethoxy)ethyl 6-propylpiper-onyl ether (Piperonyl butoxide/PBO)
Name of the manufacturer	ENDURA S.P.A.
Address of the manufacturer	Viale Pietramellara, 5 40121 Bologna Italy
Location of manufacturing sites	Via Baiona 107-111 48123 Ravenna Italy

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	3
2-(2-butoxyethoxy)ethyl 6-propylpiper-onyl ether (Piperonyl butoxide/PBO)		Active Substance	51-03-6	200-076-7	0,053

2.2. Type of formulation

ME-Aqueous Micro-emulsion

3. Hazard and precautionary statements

Hazard statements

May cause an allergic skin reaction.

Very toxic to aquatic life with long lasting effects.

To avoid risks to human health and the environment, comply with the instructions for use.

Precautionary statements

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

Keep out of reach of children.

Avoid breathing vapours.

Avoid breathing spray.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves.

Wear protective clothing.

IF ON SKIN:Wash with plenty of soap and water..

If skin irritation or rash occurs:Get medical advice.

If skin irritation or rash occurs:Get medical attention.

Take off contaminated clothing.And wash it before reuse.

Collect spillage.

Dispose of contents to collection points for hazardous or special waste.

4. Authorised use(s)

4.1 Use description

Use 1 - Surface treatment against ticks - Indoors

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	Not relevant
Target organism(s) (including development stage)	Scientific name: Ixodes ricinus Common name: Sheep tick Development stage: Adults
Field(s) of use	Indoor Urban pest control (Domestic houses & Large/Industrial/ Commercial Buildings) in strictly dry cleaning areas.
Application method(s)	Method: Spraying Detailed description: Surface treatment by band application uniformly on the floor near the walls and on the walls at a maximum of 50 cm height with pump sprayer.
Application rate(s) and frequencies	Application Rate: 85.47 mL/ m2 correspond to 1 L for 11.7 m2 Dilution (%): 2% v/v Number and timing of application: Frequency of use: one application per month, if necessary
Category(ies) of users	Trained professional Professional
Pack sizes and packaging material	COEX bottle from 50 to 1000 mL. HDPE Tank from 3 to 25 L HDPE Drum of 200 L HDPE bulk of 1000 L

4.1.1 Use-specific instructions for use

The product shall not be used in the presence of humans or animals. Humans and animals can re-enter into the treated area 24 hours after the product application.

The product has no residual action against ticks and a single application does not protect humans and animals in case of re-infestation.

Refer to general directions for use

4.1.2 Use-specific risk mitigation measures

During mixing/loading, perform the procedure on a floor covered with disposable plastic sheet.

Professionals should wear protective coveralls and protective gloves.

Treated surfaces and adjacent floor shall be strictly dry cleaned.
(see General Instructions for Use).

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

Refer to general directions for use

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

Refer to 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

Refer to general directions for use

4.2 Use description

Use 2 - Surface treatment against ticks - Outdoors

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	Not relevant
Target organism(s) (including development stage)	Scientific name: Ixodes ricinus Common name: Sheep tick Development stage: Adults
Field(s) of use	Outdoor Around buildings
Application method(s)	Method: Spraying Detailed description: Surface treatment by band application uniformly on the ground near the walls and on the walls at a maximum of 50 cm height with pump sprayer.
Application rate(s) and frequencies	Application Rate: 85.47 mL/ m2 correspond to 1 L for 11.7 m2 Dilution (%): 2% v/v Number and timing of application: one application per year
Category(ies) of users	Trained professional Professional
Pack sizes and packaging material	COEX bottle from 50 to 1000 mL. HDPE Tank from 3 to 25 L HDPE Drum of 200 L HDPE bulk of 1000 L

4.2.1 Use-specific instructions for use

The product shall not be used in the presence of humans or animals. Humans and animals can re-enter into the treated area 24 hours after the product application.

The product has no residual action against ticks and a single application does not protect humans and animals in case of re-infestation.

Refer to general directions for use

4.2.2 Use-specific risk mitigation measures

During mixing/loading, perform the procedure on a floor covered with disposable plastic sheet.

Professionals should wear protective coveralls and protective gloves.

-Apply ONLY to roof-covered areas protected from flooding, rain fall or cleaning wash, where no release to sewer/STP is expected.

-Apply only during no rain events.

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

Refer to general directions for use

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

Refer to 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

Refer to general directions for use

4.3 Use description

Use 3 - Rural Hygiene - Surface treatment against ticks in animal houses/ shelters – Indoors

Product type

PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)

Where relevant, an exact description of the authorised use

Not relevant

Target organism(s) (including development stage)	<p>Scientific name: Ixodes ricinus Common name: Sheep tick Development stage: Adults</p>
Field(s) of use	<p>Indoor</p> <p>Rural Hygiene (Animal Houses/Shelters)</p> <p>With the frequency of 1 application per year the product can be used in the following animal house sub-categories:</p> <ol style="list-style-type: none"> 1. Dairy cattle (housed during grazing season) 2. Beef cattle (housed during grazing season) 3. Veal calf 4. Sow-individual 5. Sow-group 6. Fattening pig 7. Laying hens in battery without treatment 10. Laying hens in compact battery cages 13. Laying hens in free range with grating floor 14. Parent broiler >18 weeks in free range with grating floor 15. Parent broiler in rearing with grating floor
Application method(s)	<p>Method: Spraying Detailed description:</p> <p>Surface treatment by band application uniformly on the ground near the walls and on the walls at a maximum of 50 cm height with pump sprayer.</p>
Application rate(s) and frequencies	<p>Application Rate: 85.47 mL/m² correspond to 1 L for 11.7 m² Dilution (%): 2 % v/v Number and timing of application: one application per year</p>
Category(ies) of users	<p>Trained professional</p> <p>Professional</p>
Pack sizes and packaging material	<p>COEX bottle from 50 to 1000 mL. HDPE Tank from 3 to 25 L HDPE Drum of 200 L HDPE bulk of 1000 L</p>

4.3.1 Use-specific instructions for use

The product shall not be used in the presence of humans or animals. Humans and animals can re-enter into the treated area 24 hours after the product application.

The product has no residual action against ticks and a single application does not protect humans and animals in case of re-infestation.

Refer to general directions for use

4.3.2 Use-specific risk mitigation measures

Strictly NOT to be used in stables/animal housings connected to a sewage treatment plant (STP) and/or direct emissions to surface water cannot be prevented.

Only for application in the authorized subcategories of the animal housings. Post product treatment, the manure produced in the treated animal housings is restricted for use only to arable lands (no grasslands).

Professionals should wear protective coveralls and protective gloves.

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

Refer to general directions for use

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

Refer to 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

Refer to general directions for use

5. General directions for use

5.1. Instructions for use

Professional use.
To be used indoor and outdoor on porous and non-porous surfaces, with a final dilution of 2% v/v (2 L of concentrated product in 100 L of water).
1 L of product solution is used for the treatment of approx. 11 m² surface.

The preparation of the final solution shall be done just before use:

- Add the concentrated product to the water (and not the water to the concentrated product) and mix the solution with a device (stirring rod) or shake gently for 15 sec before use to avoid the formation of foam.
- Apply using low pressure pump or nebulizers.

The product shall not be used in the presence of humans or animals. Humans and animals can re-enter into the treated area 24 hours after the product application.

The product has no residual action against ticks and a single application does not protect humans and animals in case of re-infestation.

When the product is applied indoors, it should be used in strictly NOT wet-cleaned areas (domestic premises: cellars, attics, voids, crawl places, garages; industrial premises-public buildings: commercial (industrial) warehouses NOT wet-cleaned, electrical appliances rooms).

For the outdoor uses, apply ONLY to roof-covered areas protected from flooding, rain fall or cleaning wash, where no release to sewer/STP is expected.

Strictly NOT to be used in stables/animal housings connected to a sewage treatment plant (STP) and/or direct emissions to surface water cannot be prevented.

Strategies for managing the development of resistance:

- Where possible, application treatments should be recommended to be combined with non-chemical measures.
- Product should always be used in accordance with label recommendations.
- Applications should always be made against the most susceptible stages in the pest life cycle.
- Where an extended period of control is required, treatments should be alternated with products with different modes of action.
- Levels of effectiveness should be monitored, and instances of reduced effectiveness should be investigated for possible evidence of resistance, noting that sanitary conditions and proximity of untreated refugia can contribute to the risk of re-infestation.
- In cases where label rates, correctly applied, fail to give the expected level of control and resistance is demonstrated, use of any product containing active substances with the same mode of action should cease.
- The users should inform if the treatment is ineffective and report straightforward to the authorization holder.
- The authorization holder should report any observed resistance incidents to the Competent Authorities (CA) or other appointed bodies involved in resistance management.

5.2. Risk mitigation measures

During mixing/loading, perform the procedure on a floor covered with disposable plastic sheet.
Treated surfaces and adjacent floor shall be strictly dry cleaned.
Professionals should wear protective coveralls and protective gloves.
Do not use undiluted.

Do not nebulize in ambient air.
The room must be sufficiently aerated before re-entering.
After product handling and in case of contamination wash thoroughly with soap and water.

Move the animals away during the treatment.
Remove all food, feed and drinks from animal housing prior to biocidal treatment.
Remove any tool that may enter in contact with food/feedstuff during biocidal treatment.
Do not apply directly to surfaces and facilities likely to be in contact with food, feed, drinks and animals (surfaces where food is stored, prepared or consumed).
Cover all surfaces and facilities likely to be in contact with food, feed, drinks and animals before treatment to avoid any indirect contamination during nearby application.
Keep away from food/feed stuff, eating utensils or food/feed contact surfaces.
Clean the treated area before the re-entry of the animal.
The treated premises/room must not be accessible to pets, especially to cats due to high sensitivity to permethrin toxicity. Permethrin may be lethal to cats.

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

The product is very toxic to aquatic organisms with long lasting effects; can cause an allergic reaction due to permethrin. Do not use in agriculture.
The product shall not be used in the presence of animals when applied in animal shelters.
Dispose of contents/container in accordance with local regulations.
First aid instructions
IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.
IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.
IF ON SKIN: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
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.

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

-Empty containers, unused product and other waste generated during the treatment are considered hazardous waste. Collect all waste material and place in closable, marked containers.
- Do not throw on unpaved floors, in watercourses, in the sink or in the drain
- Dispose of contents/container in accordance with local regulations.
- Collect leakage material .

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

Shelf life: 2 years

6. Other information