Summary of product characteristics for a biocidal product

Product name: PISTOLA INSECTICIDA PER04

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

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Authorisation number: ES/APP(NA)-2023-18-00908

R4BP 3 asset reference number: ES-0024228-0000

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Administrative information

1.1. Trade names of the product

PISTOLA INS PER04		

1.2. Authorisation holder

Name and address of the	Name	COMERCIAL QUIMICA MASSÓ SA	
authorisation holder	Address	VILADOMAT 321 5º 08029 BARCELONA Spain	
Authorisation number	ES/APP(NA)-2023-18-00908		
R4BP 3 asset reference number	ES-0024228-0000		
Date of the authorisation	22/12/2023		
Expiry date of the authorisation	22/12/2033		

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Comercial Química Massó S.A.	
Address of the manufacturer	Viladomat 321 5ª 08029 Barcelona Spain	
Location of manufacturing sites	Avda Cadí 12-14 P.I. Sant Pere Molanta 08799 OLERDOLA (Barcelona) Spain	

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

Active substance	1342 - Permethrin
Name of the manufacturer	Tagros Chemicals India Limited
Address of the manufacturer	"Jhaver Centre" IV Floor, Rahja Annamalai Building 72, Marshalls Road. Egmore 600 008 Chennai India
Location of manufacturing sites	A4/1&2, SIPCOT Industrial Complex, Kudikadu-Cuddalore-Tamil 607 005 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	0,4
propan-2-ol	propan-2-ol	Non-active substance	67-63-0	200-661-7	0,24

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements	Very toxic to aquatic life with long lasting effects. Contains permethrin. May produce an allergic reaction.
Precautionary statements	If medical advice is needed, have product container or label at hand.
	Keep out of reach of children.
	Read carefully and follow all instructions.
	Avoid release to the environment.
	Collect spillage.
	Dispose of contents to /container as hazardous waste to a registered establishment or undertaking, in accordance with current regulations.Trained professionals and Professionals users.

Dispose of contents to and / or its container as hazardous waste according to the regulations in force.. Non professionals users.

4. Authorised use(s)

4.1 Use description

Use 1 - . Use # 1 - Indoor - spot to surface in hiding places including crack and crevices - crawling insects - cockroaches, ants and silverfishes - General public / Professionals

Product type

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

Where relevant, an exact description of the authorised

The product is a ready-for-use formulation to be applied by trigger sprayer into spot and/or crack and crevices treatments against crawling insects in empty rooms at domestic facilities as kitchens and food store rooms. It is applied in hiding places (e.g. voids, grooves, crack and crevices) where crawling insects are looking for food, paying special attention to grooves and cracks and areas behind or under machinery, kitchen equipment or pipes.

Target organism(s) (including development stage)

Scientific name: Blattella germanica Common name: Blattid cockroaches Development stage: adults and nymphs

Scientific name: Blatta orientalis Common name: Blattellid cockroaches Development stage: adults and nymphs

Scientific name: Lasius niger Common name: Ants Development stage: Adults

Scientific name: Lepisma saccharina Common name: Silverfishes Development stage: Adults

Field(s) of use

Indoor

 $Indoor-spot\ to\ surface\ in\ hiding\ places\ including\ crack\ and\ crevices\ on\ restricted\ areas\ not\ regularly\ cleaning.$

Application method(s)

Method: Spraying Detailed description:

The product is applied by spraying downwards on corners (spot treatment) and in hiding places including crack and crevices wherein the insects use to pass or hide using trigger or handheld sprayers.

Application rate(s) and frequencies

Application Rate: For cockroaches and ants: 15 mL/m² (equivalent to 10 sprayings) For silverfishes: 25.5 mL/m² (equivalent to 17 sprayings)

Dilution (%):

Number and timing of application:

In case of re-invasion, re-apply the product if necessary every 4 weeks (maximum 12 applications per year).If the infestation persists, contact a (trained) professional.

Category(ies) of users Professional General public (non-professional) Pack sizes and packaging material Plastic bottle (250 mL 500 mL, 1L) in boxes Plastic bottle with trigger spray (500 mL, 750 mL, 1L)

4.1.1 Use-specific instructions for use

Refer to general direction of use (section 5)

4.1.2 Use-specific risk mitigation measures

The product has to be applied only on restricted areas on surfaces not regularly cleaned, for example behind or under the fridge, under the oven or the water heater, in all cracks and crevices that can be a harbourage for crawling insects.

Professional:

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information). New gloves for each work shift.

Wear a protective coverall (at least type X, EN XXXXX) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet/hood/mask (TH1/TM1), or a half/full mask with combination filter gas/P2 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information).

(Trained) Professionals are not allowed to wash contaminated clothes at home.

General public:

Due to the fact that the product is intended for use by consumers (non-professionals), it is necessary to make clear that there might be a risk of building up resistance and that this can be reduced. Since consumers have no knowledge of resistance issues the label claim should contain information to prevent it. The following phrase is proposed: "To avoid resistance occurrence, keep the label instructions and avoid repeated use of products containing permethrin. Alternate with products containing different active substances. When the infestation persists contact a (trained) professional".

Please refer to general direction of use for further 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

Refer to general direction of use	

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

(Trained) Professional users:

Empty containers, unused product, washing water, containers and other waste generated during application are considered hazardous waste. Deposit packaging waste at the established collection points or deliver it to a registered hazardous waste operator as agreed with the extended producer responsibility system. Deliver the other wastes to a registered establishment or undertaking for hazardous waste, in accordance with current regulations.

Code the waste according to Decision 2014/955 / EU.

Do not release to soil, ground, surface water or any kind of sewer.

Non professional users:

Empty containers, unused product and other waste generated during the treatment are considered hazardous waste. Dispose of in accordance with current regulations.

Do not release into soil, ground, surface water or any kind of sewer.

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 d	irection of use		

4.2 Use description

Use 2 - Use # 2 - Indoor - spot to surface in hiding places including crack and crevices - crawling insects - cockroaches and silverfishes - Trained professionals

Product type

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

Where relevant, an exact description of the authorised use

The product is a ready-for-use formulation to be applied by spraying into spot and/or crack and crevices treatments against crawling insects in empty rooms at industrial and domestic facilities as kitchens and store rooms. It is applied in hiding places (e.g. voids, grooves, crack and crevices) of garages, lofts, attics, garrets, kitchens... where crawling insects are looking for food, paying special attention to grooves and cracks and areas behind or under machinery, kitchen equipment or pipes.

Target organism(s) (including development stage)

Scientific name: Blattella germanica Common name: .Cockroaches Development stage: adults and nymphs

Scientific name: Blatta orientalis Common name: .Cockroaches Development stage: adult and nymphs

Scientific name: Lepisma saccharina

Common name: Silverfishes Development stage: Adults

Field(s) of use

Indoor

 $Indoor-spot\ to\ surface\ in\ hiding\ places\ including\ crack\ and\ crevices\ on\ restricted\ areas\ not\ regularly\ cleaning$

Application method(s)

Method: Spraying Detailed description:

The product is applied by spraying downwards on corners (spot treatment) and in hiding places including crack and crevices wherein the insects use to pass or hide using hand held or backpack sprayers (low pressure 1-3 bars)

Application rate(s) and frequencies

Application Rate: For cockroaches: 15 mL/m² (equivalent to 10 sprayings) For silverfiches: 25.5 mL/m² (equivalent to 17 sprayings)

silverfishes: 25.5 mL/m2 (equivalent to 17 sprayings)

Dilution (%): Ready to use product Number and timing of application:

In case of re-invasion, re-apply the product if necessary every 4 weeks (maximum 12 applications per year).

Category(ies) of users

Trained professional

Pack sizes and packaging material

Plastic bottle (250 mL, 500 mL, 1L) in boxes Jerry can (5L, 10 L, 20 L, 25 L)

Plastic bottle with trigger spray (500 mL, 750 mL, 1L)

4.2.1 Use-specific instructions for use

Refer to general direction of use (section 5)		

4.2.2 Use-specific risk mitigation measures

The product has to be applied only on restricted areas on surfaces not regularly cleaned, for example behind or under the fridge, under the oven or the water heater, in all cracks and crevices that can be a harbourage for crawling insects.
Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information). New gloves for each work shift.
Wear a protective coverall (at least type X, EN XXXXX) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet/hood/mask (TH1/TM1), or a half/full mask with combination filter gas/P2 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information).
(Trained) Professionals are not allowed to wash contaminated clothes at home.
Please refer to general direction of use for further 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
Refer to general direction of use
4.2.4 Where specific to the use, the instructions for safe disposal of the product and its backaging
Empty containers, unused product, washing water, containers and other waste generated during application are considered hazardous waste. Deposit packaging waste at the established collection points or deliver it to a registered hazardous waste operator as agreed with the extended producer responsibility system. Deliver the other wastes to a registered establishment or undertaking for hazardous waste, in accordance with current regulations. Code the waste according Decision 2014/955/EU.
· ·
Do not release to soil, ground, surface water or any kind of sewer.
Do not release to soil, ground, surface water or any kind of sewer. 1.2.5 Where specific to the use, the conditions of storage and shelf-life of the product

4.3 Use description

Use 3 - Use # 3 - Outdoor - Directly application in ant nests - Trained professionals / Professionals

Product type

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

Where relevant, an exact description of the authorised

The product is sprayed directly into the ants' nests.

Target organism(s) (including development stage)

Scientific name: Lasius niger Common name: Black ant Development stage: adults, larvae, nymphs, queen

Field(s) of use

Outdoor

The product is applied directly to the ant nests, around houses on paved ways, balconies, and terraces where ant nests are located.

Application method(s)

Method: Spraying Detailed description:

Application rate(s) and frequencies

Application Rate: 3 mL per nest (in 0.2 m2, e.g. 45cm*45cm), equivalent to 2 sprayings) with the trigger spray. Information only for trained-professionals: Application rate: 15 mL/m2 Repeat the treatment 1-2 times per year.

Dilution (%):

Number and timing of application:

Repeat the treatment 1-2 times per year.

Category(ies) of users

Trained professional

Professional

Pack sizes and packaging material

Trained professionals:

Plastic bottle (250 mL, 500 mL, 1L) in boxes

Jerry can (5L, 10 L, 20 L, 25 L)

Plastic bottle with trigger spray (500 mL, 750 mL, 1L)

Professionals:
Plastic bottle (250 mL, 500 mL, 1L) in boxes
Plastic bottle with trigger spray (500 mL, 750 mL, 1L)

4.3.1 Use-specific instructions for use

To achieve full effect, identify the ant nest's location carefully and apply the product there.

For use only in areas that are inaccessible to infants, children, pets and non-target animals.

Secure the treated area so that no one can access the nests during product application and action.

After product's application, cover the treated area with a plastic tarp or small bucket to avoid that the product could be carried away by rainwater or air.

Please refer to general direction of use for further information.

4.3.2 Use-specific 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). New gloves for each work shift.

Wear a protective coverall (at least type X, EN XXXXX) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet/hood/mask (TH1/TM1), or a half/full mask with combination filter gas/P2 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information).

(Trained) Professionals are not allowed to wash contaminated clothes at home.

Apply only in areas that are not liable to submersion or becoming wet, i.e. protected from rain, floods and cleaning water.

Do not use where release to drains (sewer) and/or surface water cannot be prevented.

Please refer to general direction of use for further information.

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 direction of use

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

(Trained) Professional users:

Empty containers, unused product, washing water, containers and other waste generated during application are considered hazardous waste. Deposit packaging waste at the established collection points or deliver it to a registered hazardous waste operator as agreed with the extended producer responsibility system. Deliver the other wastes to a registered establishment or undertaking for hazardous waste, in accordance with current regulations.

Code the waste according Decision 2014/955/EU.

Do not release to soil, ground, surface water or any kind of sewer.

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 direction of use

4.4 Use description

Use 4 - Use # 4 - Outdoor - Directly application in ant nests - General public (non-professional users)

Product type

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

Where relevant, an exact description of the authorised

The product is sprayed directly into the ants' nest.

Target organism(s) (including development stage)

Scientific name: Lasius niger Common name: Ants Development stage: adults , larvae, nymphs and queen

Field(s) of use

Outdoor

The product is applied directly to the ant nests, around houses on paved ways, balconies, and terraces where ant nests are located

Application method(s)

Method: Spraying Detailed description:

Application rate(s) and frequencies	Application Rate: 3 mL per nest (in 0.2 m2, e.g. 45cm*45cm), equivalent to 2 sprayings) with the trigger spray. Dilution (%): . Number and timing of application: .
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	
	Plastic bottle with trigger spray (500 mL, 750 mL, 1L)

4.4.1 Use-specific instructions for use

To achieve full effect, identify the ant nest's location carefully and apply the product there.

For use only in areas that are inaccessible to infants, children, pets and non-target animals.

Secure the treated area so that no one can access the nests during product application and action.

After product's application, cover the treated area with a plastic tarp or small bucket to avoid that the product could be carried away

After product's application, cover the treated area with a plastic tarp or small bucket to avoid that the product could be carried away by rainwater or air.

Please refer to general direction of use for further information.

4.4.2 Use-specific risk mitigation measures

Apply only in areas that are not liable to submersion or becoming wet, i.e. protected from rain, floods and cleaning water. Do not use where release to drains (sewer) and/or surface water cannot be prevented.

Due to the fact that the product is intended for use by consumers (non-professionals), it is necessary to make clear that there might be a risk of building up resistance and that this can be reduced. Since consumers have no knowledge of resistance issues the label claim should contain information to prevent it. The following phrase is proposed: "To avoid resistance occurrence, keep the label instructions and avoid repeated use of products containing permethrin. Alternate with products containing different active substances. When the infestation persists contact a (trained) professional".

Please refer to general direction of use for further information.

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

Refer to general direction of use

4.4.4 Where specific to the use, the 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. Dispose of in accordance with current regulations.

Do not release into soil, ground, surface water or any kind of sewer.

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

Refer to general direction of use

4.5 Use description

Use 5 - Use # 5 - Indoor - Non-washable textile surfaces-General public (non-professional users)

Product type

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

Where relevant, an exact description of the authorised

The product is applied at domestic use (houses, flats, apartments) over textile surfaces that must be cleaned by dry treatments once the product formulation is dried. It is intended to be applied in textile materials as mattresses, blankets, bedspreads, bedsteads, pillows, carpets, moquette...

Target organism(s) (including development stage)

Scientific name: Dermatophagoides pteronyssinus

Common name: .

Development stage: adults and nymphs

Scientific name: Rhipicephalus sanguineus Common name: .

Development stage: adults and nymphs

Scientific name: Ixodes ricinus

Common name:

Development stage: adults and nymphs

Scientific name: Ctenocephalides felis Common name: .- Cat fleas Development stage: Adults

Field(s) of use

Indoor

Indoors - non-washable textile surfaces (surface treatment)

Application method(s)

Method: Spraying

Detailed description:

Spraying with a hand held trigger spray.

The product is sprayed over the mattresses, carpet, moquette,... directly from the

ready-to-use trigger sprayer.

Application rate(s) and frequencies

Application Rate: 15 mL/m2 (equivalent to 10 sprayings)

Dilution (%):

Number and timing of application:

	This use is intended to be applied once per year or in those cases where infestation exists. Do not apply more than two times per year. If the infestation persists contact a (trained) professional.
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Plastic bottle with trigger spray (500 mL, 750 mL, 1L)

4.5.1 Use-specific instructions for use

This use involves the following steps of application:

- 1) First step consists in spraying the product on the surfaces to be treated (mattresses, blankets, bedspreads, bedsteads, pillows, carpets ...).
- 2) The excess of the product on non-treated surfaces contaminated during the application must be remove with a damp paper and dispose as solid waste.
- 3) For cleaning, do not use wet cleaning procedures. Use only dry-cleaning procedures such as vacuum, damp paper, broom... After cleaning, dispose the collected residues or the damp papers used as solid wastes.

4.5.2 Use-specific risk mitigation measures

Due to the fact that the product is intended for use by consumers (non-professionals), it is necessary to make clear that there might be a risk of building up resistance and that this can be reduced. Since consumers have no knowledge of resistance issues the label claim should contain information to prevent it. The following phrase is proposed: "To avoid resistance occurrence, keep the label instructions and avoid repeated use of products containing permethrin. Alternate with products containing different active substances. When the infestation persists contact a (trained) professional".

Please refer to general direction of use for further information.

4.5.3 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 direction of use

4.5.4 Where specific to the use, the 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. Dispose of in accordance with current regulations.

Do not release into soil, ground, surface water or any kind of sewer.

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

Refer to general direction of use	
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5. General directions for use

5.1. Instructions for use

Comply with the instructions for use.

The biocidal product contains permethrin (synthetic pyrethroid). DO NOT USE if under medical advice NOT to work with such compounds.

Further specific information for each use can be found in respective section of the use.

5.2. Risk mitigation measures

Do not spray directly on people, animals or bedding.

Do not use/apply directly on or near food, feed or drinks, or on surfaces or utensils likely to be in direct contact with food, feed, drinks and livestock/pets.

Keep cats away from treated surfaces. Due to their particular sensitivity to pyrethroids, the product can cause severe adverse reactions in cats.

Contains Permethrin, may be dangerous/toxic to pets (e.g. cats, bees, fish and other aquatic organisms).

Do not apply in rooms where fish tanks and/or terrariums are present.

Keep uninvolved persons, children and pets away from treated surfaces/areas until dried.

Further specific information for each use can be found in respective section of the use.

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

Pyrethroids may cause paresthesia (burning and prickling of the skin without irritation). If symptoms persist: Get medical advice.

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 all contaminated clothing and wash it before reuse. Wash skin with water. If skin irritation 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.

IF MEDICAL ADVICE IS NEEDED, HAVE THE PRODUCT CONTAINER OR LABEL AT HAND AND CONTACT THE POISON CONTROL CENTER.

IF PETS/ANIMALS EXPOSURE, get veterinary advice/attention.

Emergency measures to protect the environment:

- Avoid to contaminate soil/groundwater.
- Prevent spills into surface water or any drainage system.
- If the product gets into water or soil, it should be removed mechanically. Transfer to a suitably labelled container and dispose of as hazardous waste according to current regulation.
- Suitable material for containment: absorbing material, organic, sand.

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

Please, see specific instructions for safe disposal of the product and its packaging provided above.

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

Shelf life: 2 years.
Store in the original container in dry well-ventilated place.
Store the original container tightly closed.
Keep away from sun radiation and all others heat sources.
Keep out of reach of children and non target animals/pets
Keep/store away from food, drink and animal feedstuffs.

6. Other information

This product contains a bittering agent that makes it repulsive to people or pets.

Only for Spain:

According to national legislation, in Spain there are until three user categories:

- Trained professional users (TP): pest control operators, having received specific training in biocidal product uses according to the national legislation in force.
- Professional users (P or NTP): professionals that use the biocidal products in the context of his profession, that is not pest control operator, and that are unlikely to have received any specific training in biocidal product use according to the national legislation in force. It can be expected that they have some knowledge and skills handling chemicals (if they must use it in their job) and they are able to use correctly some kind of PPE if necessary.
- Non-professional users (NP): users who are not professionals and that apply the biocidal product is in his private life. At the same time, there are also some restrictions of packaging in relation to those user categories and product types. In this case, for professional and non-professional users the maximum size that can be authorized is 1 kg / 1 L. In that context, the exposure assessment will be the same for professionals and trained professional users and the difference between the two will depend on the expert judgment following "limiting criteria" below:
- The hazardousness of the product under evaluation.
- 2. The use being requested.
- The frequency of use.
- 4. Complexity of control measures