

Summary of product characteristics for a biocidal product

Product name: Aroxol Antimoth Antiacari Spray

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

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Authorisation number: TP18-0473

R4BP 3 asset reference number: GR-0026519-0000

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Administrative information

1.1. Trade names of the product

Aroxol Antimoth Antiacari Spray
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AROXOL SPRAY ANTIMOLII ŞI ANTIACARIENI LAVANDĂ
AROXOL ΣΚΟΠΟΚΤΟΝΟ ΑΚΑΠΕΟΚΤΟΝΟ
AROXOL SPRAY ANTIMOLII ŞI ANTIACARIENI LAVANDĂ

1.2. Authorisation holder

Name and address of the authorisation holder	Name	EUREKA HELLAS S.A.
	Address	A' Volos Industrial Area P.O. Box 1094 VOLOS Greece
Authorisation number	ΤΠ18-0473	
R4BP 3 asset reference number	GR-0026519-0000	
Date of the authorisation	14/06/2021	
Expiry date of the authorisation	14/06/2031	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	EUREKA HELLAS S.A.
Address of the manufacturer	A' Volos Industrial Area, P.O. Box 1094 38500 VOLOS Greece
Location of manufacturing sites	A' Volos Industrial Area, P.O. Box 1094 38500 VOLOS Greece

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

Active substance	1404 - Transfluthrin
Name of the manufacturer	Bayer SAS Environmental Science
Address of the manufacturer	16 rue Jean-Marie Leclair 69266 Lyon Cedex 09 France
Location of manufacturing sites	Plot No.306/3 Phase II G.I.D.C. 396195 Vapi, Gujarat 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 (%)
Transfluthrin		Active Substance	118712-89-3	405-060-5	0,104
2-(2-butoxyethoxy)ethyl 6-propylpiper-onyl ether (Piperonyl butoxide/PBO)		Active Substance	51-03-6	200-076-7	0,106
Isopropyl alcohol	Propan-2-ol	Non-active substance	67-63-0	200-661-7	29,365

2.2. Type of formulation

AE - Aerosol dispenser

3. Hazard and precautionary statements

Hazard statements

Extremely flammable aerosol.

Pressurised container: May burst if heated

Causes serious eye irritation.

May cause drowsiness or dizziness.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Repeated exposure may cause skin dryness or cracking.

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.

Read carefully and follow all instructions.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Do not breathe spray.

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

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Call a poison center or doctor/physician if you feel unwell.

Collect spillage.

Dispose of container to domestic waste in accordance with all local, peripheral, national and international regulations.

IF SWALLOWED: Immediately call a POISON CENTER.

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

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

If eye irritation persists: Get medical advice.

Protect from sunlight. Do not expose at temperatures exceeding 50 °C/122 °F.

4. Authorised use(s)

4.1 Use description

Use 1 - Clothes moth control in wardrobes

Product type

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

Where relevant, an exact description of the authorised use

Spraying in wardrobes on walls/panels or directly on clothing to protect clothes against cloths moth.

Target organism(s) (including development stage)

Scientific name: *Tineola bisselliella*
Common name: Cloth moth
Development stage: Adults, larvae, eggs

Field(s) of use

Indoor

Application method(s)

Method: Spraying
Detailed description:

Spraying on the wardrobes walls/panels or directly on clothing to protect clothes against cloths moth.

Application on the wardrobes walls/panels is effective against clothes moth adults.

Application on clothing is effective against clothes moth adults, larvae, eggs.

For a typical wardrobe of 1.5 m³, spray for 50 seconds in wardrobes on walls/panels or directly on clothing from a distance of about 30 cm, taking care not to damp the clothing. For larger wardrobes, prolong the spraying time appropriately.

Application rate(s) and frequencies

Application Rate: 30g product/m³ or 45g product/wardrobe
Dilution (%):
Number and timing of application:
Apply every 3 months, max. 2 times per year

The application of the product on the clothes must take place after they have been washed and dried. If the wardrobe has to be cleaned, it must be cleaned prior to application. No wet cleaning or washing should take place after treatment and during the service life and storage period of 90 days. After spraying the wardrobe is recommended to be kept closed.
If it is planned to remove some of the clothes from the closet during the 3-month storage period, then the product should be applied on the closet's surface and not on the clothes.

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Aerosol can, 300 (content: 250 or 300 mL)/400 mL, tinplate

4.1.1 Use-specific instructions for use

The application of the product on the clothes must take place after they have been washed and dried. No wet cleaning or washing should take place after treatment and during the storage period.

If it is planned to remove some of the clothes from the closet during the 3-month storage period, then the product should be applied on the closet's surface and not on the clothes.

4.1.2 Use-specific risk mitigation measures

NO wet cleaning or washing should take place after wardrobe treatment and during the storage period. After spraying the wardrobe is recommended to be kept closed.

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 - Clothes moth control on carpets and moquettes

Product type	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
Where relevant, an exact description of the authorised use	Spray onto carpets and moquettes to protect them against cloths moth.
Target organism(s) (including development stage)	Scientific name: <i>Tineola bisselliella</i> Common name: Cloth moth Development stage: Adults, larvae, eggs
Field(s) of use	Indoor
Application method(s)	Method: Spraying Detailed description: Spraying onto carpets and moquettes to protect them against clothes moth.
Application rate(s) and frequencies	Application Rate: 8g product/m ² or 176g product/carpet of 22m ² Dilution (%): Number and timing of application: Vacuum or steam clean and then spray for about 9 seconds every square meter from a distance of 30 cm. Roll up the carpet/moquette and seal in plastic bags. The application is effective for up to 3 months. Repeat application once per year.
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Aerosol can, 300 (content: 250 or 300 mL)/400 mL, tinplate

4.2.1 Use-specific instructions for use

Vacuum or steam clean and then spray for about 9 seconds every square meter from a distance of 30 cm. Roll up the carpet/moquette and seal in plastic bags. The application is effective for up to 3 months. Repeat application once per year.

4.2.2 Use-specific risk mitigation measures

See General directions for use.

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 - Ticks and mites control on machine washable articles (blankets, quilts, pillows)

Product type

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

Where relevant, an exact description of the authorised use

Spray onto blankets, quilts and pillows to control mites and ticks.

Target organism(s) (including development stage)

Scientific name: Dermatophagoides pteronyssinus
Common name: House dust mites
Development stage: mixed population

Scientific name: Ixodes ricinus
Common name: Sheep tick
Development stage: Adults

Field(s) of use

Indoor

Application method(s)	Method: Spraying Detailed description: Spraying onto infested surfaces
Application rate(s) and frequencies	Application Rate: 4g product/m ² or 17g product/small blanket of 4.25m ² or 23g product/large blanket of 5.75m ² Dilution (%): Number and timing of application: Once per year
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Aerosol can, 300 (content: 250 or 300 mL)/400 mL, tinplate

4.3.1 Use-specific instructions for use

Wash fabrics at 60°C. When dry, spray for about 4-5 seconds every square meter from a distance of 30 cm. Spray onto one side of the blanket or quilt only. Repeat application once per year.

No wet cleaning or washing should take place after treatment and during the storage period.

4.3.2 Use-specific risk mitigation measures

See General directions for use.

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 - Ticks and mites control on mattresses

Product type

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

Where relevant, an exact description of the authorised use

Spray onto mattresses to control mites and ticks.

Target organism(s) (including development stage)

Scientific name: Dermatophagoides pteronyssinus
Common name: House dust mites
Development stage: mixed population

Scientific name: Ixodes ricinus
Common name: Sheep tick
Development stage: Adults

Field(s) of use

Indoor

Application method(s)

Method: Spraying
Detailed description:
Spraying onto infested surfaces.

Application rate(s) and frequencies

Application Rate: 4g product/m² or 20.08g product/single size mattress of 5.02m² or 31.84g product/double size mattress of 7.96m²
Dilution (%):
Number and timing of application:
Once per year

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Aerosol can, 300 (content: 250 or 300 mL)/400 mL, tinplate



4.4.1 Use-specific instructions for use

Vacuum or steam clean and then spray on mattress for 4-5 seconds every square meter (20 seconds per single size mattress or 29 seconds per double size mattress) from a distance of 30 cm. Leave the treated mattress in the room for at least 4 hours, then vacuum clean again before making the bed because dead mites are as allergenic as live mites. Repeat application once per year

4.4.2 Use-specific risk mitigation measures

See General directions for use.

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.

4.5 Use description

Use 5 - Ticks and mites control on carpets and moquettes

Product type

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

Where relevant, an exact description of the authorised use

Spray onto carpets and moquettes to control ticks and mites.

Target organism(s) (including development stage)

Scientific name: Dermatophagoides pteronyssinus
Common name: House dust mites

	<p>Development stage: mixed population</p> <p>Scientific name: Ixodes ricinus Common name: Sheep tick Development stage: Adults</p>
Field(s) of use	Indoor
Application method(s)	<p>Method: Spraying Detailed description:</p> <p>Spraying onto infested surfaces.</p>
Application rate(s) and frequencies	<p>Application Rate: 4g product/m² or 88g product/carpet of 22m² Dilution (%): Number and timing of application: Once per year</p>
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Aerosol can, 300 (content: 250 or 300 mL)/400 mL, tinplate

4.5.1 Use-specific instructions for use

Vacuum or steam clean and then spray for about 4-5 seconds every square meter from a distance of 30 cm. Leave the treated piece in the room for one day, then vacuum clean again because dead mites are as allergenic as live mites. The product is not effective on infested thick woollen carpet against mites. Repeat application once per year.

4.5.2 Use-specific risk mitigation measures

See General directions for use.

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

See General directions for use.

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

See General directions for use.

4.5.5 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

Always disperse the product uniformly.

Do not damp fabrics.

Read the instructions on the product.

Strategies for managing the development of resistance:

- Where possible, application treatments should be recommended to be combined with non-chemical measures
- Products 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

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

Keep out of reach of children.

Read label before use.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Do not spray on an open flame or other ignition source. Pressurized container:

Do not pierce or burn, even after use.

Do not get in eyes or on skin.

Use only outdoors or in a well-ventilated area.

Protect from sunlight.

Do not expose to temperatures exceeding 50°C/ 122°F.

Spray carefully pointing the nozzle away from your body from a distance of ca. 30 cm and only on surfaces and not in the air.

Do not contaminate food, drinking stuff or their containers, pharmaceuticals, cosmetics or fertilizers. During application remove people and animals from the room and cover fish tanks. Ventilate surroundings well after application.

After usage or in case of contamination wash hand with water and soap.

Do not wet clean or wash washable articles after treatment and during the storage period.

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

First aid instructions

IF ON SKIN: Wash with plenty of soap and water. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

If swallowed, seek medical advice immediately and show this container or label.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In the case of contact with skin, take off the contaminated clothes and wash with water and soap.

Seek medical advice on the appearance of any symptoms (dizziness, dyspnea, etc.).

Antidote: Does not exist. Follow a symptomatic Treatment.

Environmental precautions

Avoid release to the environment.

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

- Absorb small spills with dry materials such as sand and sweep up for disposal.
- Do not pierce or burn containers even if they are empty.
- 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, peripheral, national and international regulations.

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

Shelf-life: Two years.

- Keep in a cool, dry area, avoid temperatures below 0°C and above 50°C, direct sunlight and any combustible material
- Store the containers in a vertical position and never horizontal.
- Keep in original packaging closed.
- Keep away from oxidizing material, acids and alkalis.
- Store indoors at ambient temperatures.
- Pressurized cans may explode if overheated and launched to a great distance.

6. Other information

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

Contains: CAS No. 67-63-0, Isopropyl alcohol