

Summary of product characteristics for a biocidal product

Product name: NON FLAMMABLE AIRCRAFT INSECTICIDE PHENOTHRINireland

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

Authorisation number: IE/BPA 70828

R4BP 3 asset reference number: IE-0027779-0000

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Administrative information

1.1. Trade names of the product

NON FLAMMABLE AIRCRAFT INSECTICIDE PHENOTHRIN

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Produits Sanitaires Aéronefs
	Address	1 Rue de Lamirault ZAE de Lamirault 77090 COLLEGIEN France
Authorisation number	IE/BPA 70828	
R4BP 3 asset reference number	IE-0027779-0000	
Date of the authorisation	01/02/2022	
Expiry date of the authorisation	26/03/2029	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Produits Sanitaires Aéronefs
Address of the manufacturer	1 Rue de Lamirault ZAE de Lamirault 77090 Collégien France
Location of manufacturing sites	AEROPACK, Zone industrielle de Zriba 1152 Zaghouan Hammam Tunisia
	Condivex, Route de la Porte Rouge 27150 Etrepagny France

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

Active substance	59 - 1R-trans phenothrin
Name of the manufacturer	Sumitomo Chemical (UK) Plc
Address of the manufacturer	Hythe House, 200 Shepherds Bush Road, Hammersmith W6 7NL London United Kingdom
Location of manufacturing sites	Aza-sabishirotai, Oaza-misawa, Misawa 033-0022 Aomori Japan

Active substance	59 - 1R-trans phenothrin
Name of the manufacturer	ENDURA S.p.A.
Address of the manufacturer	Viale Pietramellara 40121 Bologna Italy
Location of manufacturing sites	Jiangsu Yangnong Chemical Co. Ltd., 39 Wenfeng Road, Yangzhou 225009 Jiangsu China

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 (%)
1R-trans phenothrin	3-phenoxybenzyl (1R,3R)-2,2-dimethyl- 3-(2-methylprop-1-enyl)cyclopropanecarbox	Active Substance	26046-85-5	247-431-2	2,247

2.2. Type of formulation

AE - Aerosol dispenser

3. Hazard and precautionary statements

Hazard statements	<p>Pressurised container: May burst if heated</p> <p>Very toxic to aquatic life with long lasting effects.</p>
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Precautionary statements

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

Do not pierce or burn, even after use.

Avoid release to the environment.

Collect spillage.

Protect from sunlight.

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

Dispose of container to ... in accordance with local/regional/national/international regulations (to be specified).

4. Authorised use(s)

4.1 Use description

Use 1 - Professional - aircraft insecticide

Product type

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

Where relevant, an exact description of the authorised use

For professional use as an aircraft insecticide, applied prior to take-off (once the doors are closed) or during flight in the cabin and prior to take-off in the hold.

Target organism(s) (including development stage)

Scientific name: Culex spp
Common name: Mosquitoes
Development stage: Adults

Scientific name: Aedes spp
Common name: Mosquitoes
Development stage: Adults

Scientific name: Anopheles spp
Common name: Mosquitoes
Development stage: Adults

Scientific name: Musca domestica
Common name: House fly
Development stage: Adults

Field(s) of use

Indoor

Indoor

Application method(s)

Method: Spraying
Detailed description:
Spray (Pre-pressurised aerosol)

Application rate(s) and frequencies

Application Rate: 35 g product 100 m³
Dilution (%): 0
Number and timing of application:
To be applied either at a one-shot or multi-shot aerosol at a rate of 35 g product 100 m³

	cabin volume. One application per flight.
Category(ies) of users	Professional
Pack sizes and packaging material	30g, 40g, 60g and 100 g aluminium aerosol can

4.1.1 Use-specific instructions for use

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4.1.2 Use-specific risk mitigation measures

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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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5. General directions for use

5.1. Instructions for use

Always read the label or leaflet before use and follow all instructions.
Targeted insect extermination should be attempted in infested areas.
Please refer to your onboard manual for the number of cans to be used for each specific aircraft.
The air recirculation system should be set to normal flow. Turn off the air conditioning system during treatment.
The product has no residual effect and therefore no preventative action.
Adopt integrated management methods such as a combination of chemical, physical and other public health measures, taking into account local conditions (climatic conditions, target species, conditions of use, etc.).

Single spray :

The product is released completely, in one continuous spray. Suitable for cabin and large cargo hold treatment. Press hard on the tab until it locks.

After activation (tab locked), the cannister must be held at the lowest part of its body in a vertical position until complete discharge. Walk through the cabin spraying at a rate of 1 step or 1 row of seats per 2 seconds (equivalent to an average of 1 g per second), holding the aerosol vertically by its body, at arm's length at shoulder level.

Direct the spray towards the ceiling until the bottle is completely empty.

Multiple spraying :

Press the actuator, holding the aerosol vertically. Keep pressed until the right quantity is released, spraying at an average discharge rate of 1g per second.

Press the actuator 3 to 4 seconds, per 10 m3 of cabin volume.

The 'multi-shot' product can only be used to complete smaller treatments. The 'one-shot' aerosol product must be the main product for use in the cabin.

5.2. Risk mitigation measures

For professional use only.

For indoor use only.

Do not apply directly to food or to surfaces where food is stored, prepared or consumed.

The spray should be directed slightly behind the user.

If more than one application per day is required, each application should be applied by a different member of the aircrew.

Wash hands and exposed skin before meals and after use.

Keep in a safe place.

Do not pierce or burn, even after use.

Keep away from heat/sparks/open flames/hot surfaces. Do not smoke.

Cleaning of treated aircraft must only be undertaken with specialised products that do not require discharge of liquid waste to drains and local STP.

When cleaning equipment (brushes, cloths etc) have been used, they must be disposed of as solid waste and must not be rinsed out for re-use.

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

Skin contact: Wash thoroughly with plenty of water – remove contaminated clothing immediately.

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

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

Keep the packaging and/or instructions available.

Inhalation: When inhaled remove to fresh air and seek medical aid.

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

Do not discharge unused product on to the ground, into water courses, pipes (sinks, toilets...) or down drains.

Dispose of unused product, its packaging and all other waste, in accordance with local regulations.

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

Store in dry, cool, well ventilated area.

Protect from frost.

Shelf life 2 years.

Do not store at temperatures in excess of 40C.

6. Other information

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