

# Summary of product characteristics for a biocidal product

**Product name:** NON FLAMMABLE AIRCRAFT INSECTICIDE PHENOTHRIN

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

**Authorisation number:** 2022-01-25-B01

**R4BP 3 asset reference number:** MT-0027769-0000

## Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	2
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	2
3. Hazard and precautionary statements	2
4. Authorised use(s)	3
5. General directions for use	5
5.1. Instructions for use	5
5.2. Risk mitigation measures	5
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	5
5.4. Instructions for safe disposal of the product and its packaging	5
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	5
6. Other information	6

## Administrative information

### 1.1. Trade names of the product

NON FLAMMABLE AIRCRAFT INSECTICIDE PHENOTHRIN

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Produits Sanitaires Aéronefs
	Address	1 Rue de Lamirault ZAE de Lamirault 77090 COLLEGIEN France
<b>Authorisation number</b>		2022-01-25-B01
<b>R4BP 3 asset reference number</b>		MT-0027769-0000
<b>Date of the authorisation</b>		25/01/2022
<b>Expiry date of the authorisation</b>		26/03/2029

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	Produits Sanitaires Aéronefs
<b>Address of the manufacturer</b>	1 Rue de Lamirault ZAE de Lamirault 77090 Collégien France
<b>Location of manufacturing sites</b>	AEROPACK, Zone industrielle de Zriba 1152 Zaghouan Hammam Tunisia
	CONDIVEX, Route de la Porte Rouge 27150 ETREPAGNY France
	Aerolub, 22 rue Paul Journée ZA du Moulin d'Angean 60240 CHAUMONT EN VEXIN France

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

<b>Active substance</b>	59 - 1R-trans phenothrin
<b>Name of the manufacturer</b>	Sumitomo Chemical (UK) Plc
<b>Address of the manufacturer</b>	Hythe House, 200 Shepherds Bush Road, Hammersmith W6 7NL London United Kingdom
<b>Location of manufacturing sites</b>	Aza-sabishirotai, Oaza-misawa, Misawa 033-0022 Aomori Japan
<b>Active substance</b>	59 - 1R-trans phenothrin
<b>Name of the manufacturer</b>	ENDURA S.p.A.
<b>Address of the manufacturer</b>	Viale Pietramellara 40121 Bologna Italy
<b>Location of manufacturing sites</b>	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

Pressurised container: May burst if heated

	Very toxic to aquatic life with long lasting effects.
<b>Precautionary statements</b>	<p>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.</p> <p>Do not pierce or burn, even after use.</p> <p>Avoid release to the environment.</p> <p>Collect spillage.</p> <p>Protect from sunlight.</p> <p>Do not expose at temperatures exceeding 50 °C/122 °F.</p> <p>Dispose of container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste..</p>

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Professional - aircraft insecticide

<b>Product type</b>	PT18 - Insecticides, acaricides and products to control other arthropods (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	For professional use as an aircraft insecticide, applied prior to take-off (once the doors are closed) or during the flight in the cabin and prior to take-off in the hold.
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Culex spp Common name: Mosquitoes Development stage: Adults</p> <p>Scientific name: Aedes spp Common name: Aedes mosquitoes Development stage: Adults</p> <p>Scientific name: Anopheles spp Common name: Anopheles mosquitoes Development stage: Adults</p> <p>Scientific name: Musca domestica Common name: House fly Development stage: Adults</p>
<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	<p>Method: Spraying</p> <p>Detailed description: To be applied as a one-shot or multi-shot aerosol at a rate of 35 g product per 100 m<sup>3</sup> cabin volume. One application per flight.</p>

**Application rate(s) and frequencies**

Application Rate: 35 g product per 100 m<sup>3</sup> cabin volume  
Dilution (%):  
Number and timing of application:  
To be applied as a one-shot or multi-shot aerosol at a rate of 35 g product per 100 m<sup>3</sup> cabin volume. One application per flight.

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

30 g, 40 g, 60 g and 100 g aluminium aerosol can

**4.1.1 Use-specific instructions for use**

see 5.1

**4.1.2 Use-specific risk mitigation measures**

see 5.2

**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 5.3

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

see 5.4

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

see 5.5

## 5. General directions for use

### 5.1. Instructions for use

To be applied as a one-shot or multi-shot aerosol at a rate of 35 g product per 100 m<sup>3</sup> cabin volume. One application per flight. Please refer to your onboard manual for the number of cans to be used for each specified aircraft.

Open the overhead and side-wall lockers, toilets and wardrobes. Air recirculation system should be set at normal flow. Air conditioning system should be switched off.

'One-shot' Aerosol 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 it is completely empty.

'Multi-shot' Aerosol, multiple-use nozzle

Suitable to complete treatment of small areas: cockpit, crew rest and small bulk treatment. 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 m<sup>3</sup> of cabin volume.

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

The product is not intended to have a residual effect.

### 5.2. Risk mitigation measures

**FOR USE ONLY AS AN INSECTICIDE**

For professional use only.  
For indoor use only

Do not contaminate foodstuffs, eating utensils or food contact surfaces.  
This material and its container must be disposed of in a safe way.  
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.  
Pressurised container:  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. – No smoking.  
Do not pierce or burn, even after use.  
Protect from sunlight. Do not expose at temperature exceeding 50°C/122°F.  
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  
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.

## 6. Other information

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