

# Summary of product characteristics for a biocidal product

**Product name:** Aero-Sense Aircraft Insecticide ASD

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

**Authorisation number:** EU-0024297-0000

**R4BP 3 asset reference number:** EU-0024297-0000

## 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	3
4. Authorised use(s)	3
5. General directions for use	6
5.1. Instructions for use	6
5.2. Risk mitigation measures	6
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	6
5.4. Instructions for safe disposal of the product and its packaging	6
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	6
6. Other information	6

## Administrative information

### 1.1. Trade names of the product

Aero-Sense Aircraft Insecticide ASD
-------------------------------------

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Aero-Sense
	Address	Schaapbruggenstraat 50 8800 Roeselare Belgium
<b>Authorisation number</b>	EU-0024297-0000	
<b>R4BP 3 asset reference number</b>	EU-0024297-0000	
<b>Date of the authorisation</b>	22/03/2021	
<b>Expiry date of the authorisation</b>	28/02/2031	

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

<b>Name of the manufacturer</b>	Volcke Aerosol Connection
<b>Address of the manufacturer</b>	Industrielaan 15 8520 Kurne Belgium
<b>Location of manufacturing sites</b>	Industrielaan 15 8520 Kurne Belgium
<b>Name of the manufacturer</b>	Envasado Xiomara, S.L.
<b>Address of the manufacturer</b>	Polígono Industrial La Torrecilla Chica, 6 45220 Yeles - Toledo Spain
<b>Location of manufacturing sites</b>	Polígono Industrial La Torrecilla Chica, 6 45220 Yeles - Toledo Spain

<b>Name of the manufacturer</b>	Aero-Sense NV
<b>Address of the manufacturer</b>	Kachtemsestraat 289 8800 Roeselare Belgium
<b>Location of manufacturing sites</b>	Kachtemsestraat 289 8800 Roeselare Belgium

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

<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 Pietro Pietramellara 5 40121 Bologna Italy
<b>Location of manufacturing sites</b>	39 Wenfeng Road 225009 Yangzhou, 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

### 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.

Very toxic to aquatic life with long lasting effects.

#### 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 hazardous or special waste collection point..

### 4. Authorised use(s)

#### 4.1 Use description

##### Use 1 - Mosquitoes – Aircraft treatment - Professionals

#### Product type

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

#### Where relevant, an exact description of the authorised use

Insecticide

#### Target organism(s) (including development stage)

Scientific name: Culex spp.  
Common name: Culex mosquitoes  
Development stage: Adults

Scientific name: Aedes spp.  
Common name: Aedes mosquitoes  
Development stage: Adults

Scientific name: Anopheles spp.  
Common name: Anopheles mosquitoes  
Development stage: Adults

#### Field(s) of use

Indoor

Application in cockpit and cabin for aircraft disinsection.

#### Application method(s)

Method: Aerosol spray  
Detailed description:

	Spraying
<b>Application rate(s) and frequencies</b>	Application Rate: Recommended application rate: 35g/100m <sup>3</sup> (i.e. 0,7g a.i./100m <sup>3</sup> ). Dilution (%): Ready-to-use product. Number and timing of application: Treatment should be repeated on each flight for which a disinsection treatment is required. One application per flight only.
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Aluminium (ALU) printed can 18 bar - Full colour printed White cap (One Shot actuator) or Blue cap (Multi Shot actuator) Packed in cardboard packaging per 24 pieces Available in different can sizes : <ul style="list-style-type: none"> <li>• 40g (34mL)</li> <li>• 60g (52mL)</li> <li>• 100g (86mL)</li> </ul>

#### 4.1.1 Use-specific instructions for use

<ul style="list-style-type: none"> <li>• Please refer to the onboard manual for the number of cans required for a disinsection treatment for each specific aircraft type.</li> <li>• The disinsection procedure should be announced to passengers prior to the application of the product in the aircraft.</li> </ul> <p>Passengers should be advised to close their eyes and cover their faces whilst the procedure is carried out.</p> <ul style="list-style-type: none"> <li>• Do not spray directly on skin or in eyes.</li> <li>• Do not spray on or near food, food preparation areas or food utensils.</li> <li>• Wash hands after handling.</li> <li>• Prevent use by unauthorised personnel.</li> </ul> <ul style="list-style-type: none"> <li>• Remove the cap.</li> <li>• Hold can(s) vertically at arm's length.</li> <li>• 'One shot' white cap: depress tab on spray nozzle until it locks down. The aerosol product is released in one continuous spray.</li> <li>• 'Multi shot' blue cap: depress tab on spray nozzle until sufficient quantity is released or until product is completely discharged.</li> <li>• The insecticide aerosol should be sprayed by directing the nozzle of the aerosol dispenser at an angle of approximately 45° towards the ceiling throughout the aircraft.</li> <li>• The spray should be directed slightly behind the user.</li> <li>• Spray evenly throughout the whole area.</li> </ul> <p>40g (34mL) - One can effectively treats 114 m<sup>3</sup> of air volume; 60g (52mL) - One can effectively treats 171 m<sup>3</sup> of air volume; 100g (86mL) - One can effectively treats 285 m<sup>3</sup> of air volume.</p> <p><b>“Blocks away” disinsection</b> This procedure takes place prior to take off, after passengers have boarded and the doors have been closed. The flight deck is sprayed prior to boarding by the cabin crew. For disinsection to be effective, the aircraft air conditioning system must be switched off whilst spraying. The cabin crew must treat all possible insect harbourages including toilets, galleys and wardrobes, unless these areas have been sprayed together with the flight-deck prior to the boarding.</p>
--

#### **"Top-of-descent" (in-flight spraying)**

According to WHO Guidance, preflight and top-of-descent spraying is a two-part disinsection method. "Top-of-descent" (in-flight spraying) is the second technique of this method and is carried out at "top-of-descent", as the aircraft starts its descent to the destination airport. Air re-circulation shall be set at normal flow.

No residual efficacy has been demonstrated.

Products containing 1R-trans phenothrin should not be used for both pre-flight and in-flight treatment in the same aircraft.

### **4.1.2 Use-specific risk mitigation measures**

- The product should be applied only once per flight.
- A member of the cabin crew shall perform no more than one application per day.
  
- Do not use/apply the product directly on or near food, feed or drinks, or on surfaces or utensils likely to be in direct contact with food and drinks.
- Contains 1R-trans phenothrin (pyrethroids), may be dangerous to cats. Care must be taken in using the product when cats are present in the aircraft. Cats must be kept away during treatment.
- Cleaning of treated aircraft must only be undertaken with specialised products that do not require discharge of liquid waste to drains and local sewage treatment plants.
- Cleaning equipment (brushes, cloths, etc) used on an aircraft after application of the product must be disposed of as solid waste and must not be re-used.

### **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**

First Aid instructions:

#### **General**

- 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: Wash with soap and water. If symptoms occur call a POISON CENTRE or a doctor.
- IF IN EYES: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur, call a POISON CENTRE or a doctor.
- Pyrethroids may cause paresthesia (burning and pricking of the skin without irritation). If symptoms persist: seek medical advice.

#### **Emergency measures to protect the environment in case of accident**

- Contain and control any leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite or diatomaceous earth in drums for waste disposal.
- Prevent any material from entering drains or waterways.
- Do not direct water spray at the point of leakage or of spillage.
- Allow any product remaining as a result of the leak or spill to evaporate

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

- An appropriate entry should be made in the Aircraft General Declaration, giving details of the disinsection procedure together with the serial numbers of the spray cans used.
- The empty spray cans are to be retained for inspection by the Port Health Authority.
- Do not pour the product into drains or waterways.
- Ensure that waste management is carried out without endangering human health, without harming the environment and, in particular, without risk to water, air, soil, plants or animals.
- Recycle or dispose of waste product in compliance with applicable legislation, preferably via a certified collector or company.
- Do not contaminate the ground or water with waste product.
- Do not dispose of waste product into the environment.

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

See directions for use

### **5. General directions for use**

#### **5.1. Instructions for use**

See section 4.1.1

#### **5.2. Risk mitigation measures**

See section 4.1.2

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

See section 4.1.3

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

See section 4.1.4

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

- Store in original packaging in a cool (below 40°C), dry and well-ventilated place. Protect from frost.  
- Store out of direct sunlight, even when empty.

Shelf life: 2 years

### **6. Other information**

/