

## TECHNICAL DATA SHEET

# NON-FLAMMABLE AIRCRAFT INSECTICIDE PHENOTHRIN

## *Insecticide Specially Formulated for Aeronautical Use*

### DESCRIPTION

PSA Non-flammable aircraft insecticide phenothrin (NFAI phenothrin) is a non-flammable aircraft approved insecticide compliant with international Health regulations and WHO's recommendations. It is recommended to be used for pre-departure, pre-departure cargo holds, on-arrival, on-arrival cargo holds aircraft disinsection methods.

### FEATURES & BENEFITS

- Effective on many flying and crawling insects (Musca Domestica, Aedes, Anopheles, Culex).
- Total mortality in less than 3 minutes with knock-down effect
- Compliant with International Health Regulations and WHO's recommendations
- Non-flammable aerosol formula
- Dry diffusion for maximum efficacy
- Available in different sizes, with a one-shot or multi-shot nozzle
- Active ingredient : 2% w/w phenothrin (CAS 188023-86-1)

### APPLICATION

- Disinsection of the cabin, cockpit and cargo holds
- Product suitable for use in confined spaces
- Insecticide to be used in accordance with WHO's recommended disinsection procedures "pre-departure", "pre-departure cargo holds", "on-arrival", "on-arrival cargo holds".

### DIRECTIONS FOR USE

- Refer to your onboard manual for the number of cans to be used for each specific aircraft.
- Air conditioning system should be switched off.
- To be applied either as a one-shot or multi-shot aerosol, at a rate of 35g product 100m<sup>3</sup> cabin volume. Open all overhead and side-wall lockers and toilets.
- **'Single-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



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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 1g per second), holding the aerosol vertically by its body, at arm's length at shoulder level. Direct the spray towards the ceiling and slightly behind the user until it is completely empty.

- **'Multi-shot' Aerosol**, multiple-use actuator, 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 10m<sup>3</sup> of cabin volume.
- Use biocides with caution. Before use, read the label and information concerning the product.
- Dosage recommended by WHO: 35g to treat 100m<sup>3</sup>

### ORDERING INFORMATION

Item Code	Designation	Size	Nozzle	Volume treated	Units/carton
AR0004922	Aerosol #210 DP	30 g	One-shot	90	100
AR0005479	Aerosol #210 DN	30 g	Multi-shot	90	100
AR0000296	Aerosol #222 A	40 g	One-shot	120	100
AR0004887	Aerosol #222 P	60 g	One-shot	170	100
AR0000290	Aerosol #222 N	60 g	Multi-shot	170	100
AR0000298	Aerosol #203 DP	100 g	One-shot	300	50
AR0000291	Aerosol #203 DN	100 g	Multi-shot	300	50

### PACKAGING

Units per carton	Carton dimensions (cm)	Parcels per pallet	Parcels per layer	Number of layers	Pallet dimensions (cm)	Pallet Height (cm)
100	37 x 37 x 16	42	6	7	120 x 80	122
50	46.5 x 26 x 19.5	36	6	6	120 x 80	122

### CHARACTERISTICS

- Aspect: Colourless to slightly yellow liquid
- Fragrance: Characteristic – peach fragrance
- Flammability: Non-flammable aerosol
- Packaging: Recyclable aluminium can. Resistance to pressure up to 18 bars
- Flow rate: Between 0.8 & 1.2 g/s as per WHO recommendations

Please consult the Material Safety Data Sheet for further information.

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### APPROVALS

- Aerosol product:
  - Compatible with aircraft materials: AMS 1450 A – Boeing D6-7127
  - Referenced on Airbus Consumable Material List: CML 14-010
- Active ingredient:
  - Assessed by W.H.O. for public health pesticides

### CERTIFICATIONS AND ACREDITATIONS

- PSA certified to ISO 9001:2015
- NCAGE: FA2X6

### WARNING

Pressurised container: May burst if heated. Very toxic to aquatic life with long lasting effects.

### PRECAUTION

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 to temperatures exceeding 50 °C/122 °F.

### STORAGE AND DISPOSAL

Store in a cool, dry, ventilated place. Keep out of reach of children. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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