

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 and latest EU regulations. It is recommended to be used for pre-departure, pre-departure cargo holds, on-arrival and on-arrival cargo holds aircraft disinsection methods.

FEATURES & BENEFITS

- EU No. 528/2012 biocidal regulation approved
- 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 various sizes, either a single-shot or multi-shot nozzle
- Active ingredient : 2% w/w 1R-transphenothrin (CAS 26046-85-5)



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" and "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 100m³ 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),

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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 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 10m³ of cabin volume.
- Use biocides with caution. Before use, read the label and information concerning the product.
- Dosage recommended by WHO: 35g to treat 100m³

ORDERING INFORMATION

Item Code	Designation	Size	Nozzle	Volume treated (m ³)	Units/carton
AR0006404	Aerosol #210 T/N	30 g	Multi-shot	90	100
AR0006406	Aerosol #222 A/T	40 g	Single-shot	120	100
AR0006407	Aerosol #222 T/P	60 g	Single-shot	170	100
AR0006408	Aerosol #222 T/N	60 g	Multi-shot	170	100
AR0006409	Aerosol #203 T/P	100 g	Single-shot	300	50
AR0006410	Aerosol #203 T/N	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
- 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
 - Approved in 11 EU countries as a biocidal product as part of EU Biocidal Products Regulation N°528/2012.
- Active ingredient:
 - Assessed by W.H.O. as part of the IPCS (Int'l Programme on Chemical Safety)1990
 - Approved as per the EU Biocidal Products Regulation N°528/2012, for use as product type 18 (Directive n° 2013/41/UE).

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 40 °C/104 °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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