

TECHNICAL DATA SHEET

NON-FLAMMABLE AIRCRAFT INSECTICIDE PHENOTHRIN / PERMETHRIN

Specially Formulated for Aeronautical Use

DESCRIPTION

PSA Non-flammable aircraft insecticide phenothrin/permethrin (NFAI phenothrin/permethrin) 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 and on-arrival cargo holds disinsection methods.

FEATURES & BENEFITS

- Effective on many flying and crawling insects (Musca Domestica, Aedes, Anopheles, Culex)
- Total mortality in less than 3 minutes
- Compliant with International Health Regulations and WHO's recommendations and procedures for the disinsection of cargo holds
- Non-flammable aerosol formula
- Dry diffusion for maximum efficacy
- One-Shot aerosol

APPLICATION

- Disinsection of the cargo holds
- Product suitable for use in confined spaces
- To be used for cargo hold disinsection at the last port of prior to departure or on arrival

PROCEDURE

- Treatment must be carried out after all cargo has been loaded, and just before the hold door is closed.
- Since aerosols may set off smoke alarms, be sure to advise the crew that hold spraying is about to commence.
- As the cargo hold door is being closed, leave just enough of an opening to stand a single 1-Shot can between the cargo containers.
- Hold the nozzle down to activate the aerosol.
- If more than one can is required, repeat this application method with additional cans.



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- When you see that the spray has been activated, close the hold door immediately, leaving the cans in place to complete the disinsection process.
- Once the aircraft has reached its destination, the exhausted cans are to be collected by ground handlers.
- Spraying of holds shall be carried out at a rate of 35g/100m³

Use biocides with caution. Before use, read the label and information concerning the product

ORDERING INFORMATION

Item Code	Designation	Size	Nozzle	Volume treated	Units/carton
AR0000316	Aerosol 236T	150 g	One-shot	430	50

PACKAGING APPROVED

Units per carton	Carton dimensions (cm)	Parcels per pallet	Parcels per layer	Number of layers	Pallet dimensions (cm)	Pallet Height (cm)
50	0.465 x 0.26 x 0.195	36	6	6	1.2 x 0.8	1.22

CHARACTERISTICS

- Active ingredient
 - d-phenothrin (CAS 188023-86-1) 2% w/w
 - Permethrin – ratio 25/75 (CAS (52645-53-1)2% w/w
- Aspect
 - Colourless to slightly yellow liquid
- Fragrance
 - Characteristic – peach fragrance
- Flammability
 - Non-flammable
- Packaging
 - Aerosol
 - Recyclable aluminium can. Resistance to pressure up to 18 bars
- Flow rate
 - Between 0.8 & 1.2 g/s as per WHO recommendations

APPROVALS

- Aerosol product:
 - Compatible with aircraft materials: AMS 1450 A
 - Referenced on Airbus Consumable Material List: CML 14-010

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- Compliant with WHO's recommendations for disinsection of aircraft
- Active ingredient:
 - Permethrin approved as per the EU Biocidal Products Regulation N°528/2012, for use as Product Type 18 (Commission Implementing Regulation (EU) n°1090/2014).

CERTIFICATIONS AND ACCREDITATIONS

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

WARNING

Pressurised container: May burst if heated. May cause an allergic skin reaction. 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 breathing spray, gas, vapours. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. 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

WARRANTY – All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.
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