

TECHNICAL DATA SHEET

Pre-Spray

Code 4501

Residual Aerosol Insecticide for Pre-embarkation Spraying of Aircraft Cabins

DESCRIPTION

Callington Pre-Spray Aircraft Insecticide is a non-flammable aircraft approved aerosol insecticide for use inside aircraft prior to embarkation of passengers. This product is used to prevent the spread of vector-borne diseases, such as Dengue Fever, Yellow Fever, Malaria, Chikungunya and Zika. It is also effective against a range of agricultural pests, which present a biosecurity risk.

*For a complete video training guide on how to apply Callington Pre-Spray please visit <https://www.callingtonhaven.com/videos/php>

APPROVALS

Callington Pre-Spray complies with the **World Health Organization** specifications for aircraft insecticides and has the following approvals:

- BSS 7434 and AMS 1450B.
- Referenced on Airbus Consumable Material List: CML 11ABB2.
- USA EPA Reg. No. 92953-1.
- NATO Stock Number: 6840-66-133-0081.
- US Military NSN: 6840-01-675-2534.
- CAGE Code: Z5104.
- APVMA Approval No: 51083/0798
- In compliance with IATA Medical manual & ICAO Annex 9.
- Complies with Ministries of Health & Agriculture, globally.
- Callington is an ISO 9001-2015 quality accredited company.



FEATURES & BENEFITS

Aircraft approved Pre-Spray effectively kills mosquitoes and other flying or crawling insects. It is used for "Pre-embarkation" spraying methods in accordance with respective national Quarantine regulations. Callington Pre-Spray Aircraft Insecticide contains a non-flammable propellant and the **World Health Organization** recommended active substance of 2% w/w permethrin (25:75 isomer ratio). Pre-flight spraying is mandatory for all flights into many countries of the world including Australia and New Zealand.

APPLICATION

Pre-embarkation spraying is to be carried out inside the empty aircraft cabin prior to passengers boarding at last port before departure for the destination country.

DIRECTIONS FOR USE

- During disinsection and for a period of 5 minutes after the completion of the spray, the aircraft's air-conditioning must be switched off. Recirculation fans may be left on if essential to the operation of the aircraft but set at the lowest flow rate.

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- Before commencing treatment, ensure all overhead and sidewall lockers are left **open**.
- Hold one can of Pre-Spray and start spraying from the back of the aircraft, moving forward, keeping the can at arm's length.
- Direct the can to the **open** overhead lockers and ceiling, keeping a steady walking pace, no more than one step or one row per second.
- Once this side is complete, switch over to the other side of the aisle, spraying all the way until you reach the rear of the aircraft.
- Spray all the galleys, including those on the lower levels and lift access areas.
- Spray lavatories and coat lockers for two seconds.
- Spray all crew rest areas using an up-and-down motion for three seconds.
- The flight deck will also need to be sprayed for three seconds. Be sure to direct the spray away from the aircraft equipment.
- Spraying of cabins shall be carried out at a standard spray rate of 1g per second and based on a required coverage rate of 35g/100m³.

SPECIFICATIONS

- Active Ingredient: Permethrin at 2% w/w
- Discharge rate: 1.0 ± 0.2 g/s
- Application Rate: 35g/100m³

ORDERING INFORMATION

Items are for export only, not registered in the United States

Code	Product Description	Packaging	Units / Case	Cases / Pallet	Units / Pallet
4501/60/US	Callington Pre-Spray Aircraft Insecticide (multi-shot)	60g	100	54	5,400
4501/60/1/US	Callington Pre-Spray Aircraft Insecticide (single shot)	60g	100	54	5,400
4501/100/US	Callington Pre-Spray Aircraft Insecticide	100g	12	300	3,600
4501/100/CAN	Callington Pre-Spray Aircraft Insecticide	100g	12	300	3,600

REQUIREMENTS & VERIFICATION

For further information on quantities of aerosol cans per model of aircraft, please contact your Callington Sales Manager. The applicator is responsible for ensuring that a certificate detailing the treatment is completed. For compliance purposes, the applicator must record the product serial number, located on the underside of the can. The certificate for the pre-embarkation cabin disinsection and the exhausted or partly exhausted cans must be carried onboard the aircraft and made available to an officer/inspector on request upon arrival.

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. Created 29 May 2019 Date Printed 8/08/2025 10:59 AM