

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.

APPROVALS

Callington Pre-Spray Aircraft Insecticide complies with the **World Health Organisation** specifications for aircraft insecticides and has the following approvals.

- Boeing D6-7127 and AMS 1450A
- Referenced on Airbus Consumable Material List: CML 11ABB2.
- NATO Stock Number: 6840-66-133-0081
- US Military NSN: 6840-01-675-2534
- CAGE Code: Z5104
- 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.



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

ORDERING INFORMATION

Code	Size	Units /carton	Weight /carton (kg)	Carton Dimensions (cm)	Pallet Configurations				
					Cartons per layer	No. of layers	Dimensions (cm)	Height (cm)	Weight (kg)
4501/100	100g	12	1.9kg	22 x 17 x 15	25	6	90 x 110	103	360
4501/60	60g	100	8.8kg	36 x 36 x 13	6	8	90 x 110	118	440

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ADDITIONAL INFORMATION

Aircraft approved Pre-Spray effectively kills mosquitoes and other flying or crawling insects. It is used for 'Pre-embarkation' spraying method in accordance with respective national Quarantine regulations. Callington Pre-Spray Aircraft Insecticide contains a non-flammable propellant and the **World Health Organisation** 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.

TREATMENT PROCEDURE

- 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.
- 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 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 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.

REQUIREMENTS

For further information on quantities of aerosol cans per model of aircraft, please contact your nearest Callington Sales Manager.

VERIFICATION

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.

SPECIFICATIONS

Active Ingredient: permethrin at 2% w/w

Discharge rate: 1.0 ± 0.2 g/s

Application Rate: 35g/100m³

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