

Specialty Chemical Manufacturers for Industry, Biosecurity and Aviation

1-SHOT

Code 4508

Disinsection of Cargo Holds & Overnight Cabin Insect Treatment

DESCRIPTION

1-Shot is an aerosol insecticide for the disinsection of aircraft cargo holds. This is done by spraying manually or by means of automatic disinsection apparatus, at (or after departure) from the last port before entering Australia, New Zealand or other countries where disinsection procedures of cargo areas are mandatory.

The purpose of 1-Shot (and aircraft disinsection procedures in general) is to help prevent the spread of insects and the bacteria or viruses which they carry, which can cause disease in humans, plants or animals.

1-Shot is a 150 gram aerosol can containing World Health Organisation recommended and approved insecticides and a non-flammable, non-CFC propellant approved for use in aircraft.

APPROVALS

1-Shot complies with the World Health Organisation specifications for insecticides. 1-Shot is approved by the National Registration Authority, Australian Quarantine & Inspection Services and the New Zealand Ministry of Agriculture & Fisheries. The propellants have been tested and approved by the PAFT Committee. 1-Shot is a patented product.

Callington Haven is an ISO 9001:2000 quality accredited company with a National Association of Testing Authorities, Australia accredited laboratory for aerospace chemical testing.

1-Shot has been tested and approved to Boeing, Douglas & AMS Specifications.
1-Shot complies with Airbus CML 14-010B.

National Stock Number 6840-66-131-2263

APPLICATION

1-Shot is to be used for hold disinsection at the last port before entering Australia and New Zealand.

In the case of automatic hold disinsection this may be carried out at any time after doors are closed unless other arrangements have been made.

Spraying of holds shall be carried out at a rate of 10 grams per 1,000 cubic feet or 10 gms per 28.3 cubic metres.

Spraying may be carried out at the last port by one of the following methods:-

- manually, after loading of last container and immediately before closing hold doors.
- by use of 1 Shot aerosol cans which are suitably located inside the hold and fired with the hold doors being immediately closed.
- by the use of automatic hold disinsection apparatus.

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In the case of B747 aircraft, 2 x 150g cans must be discharged into the hold in such a manner as to ensure that all parts of the hold have been disinfected. (If the cargo holds have been residually treated in accordance with requirements, the amount of spray can be reduced to 1 x 150g can per hold).

In the case of narrow bodied aircraft, each hold is to be sprayed using 1 x 150g can.

The main deck rear compartment of the B747 Combi aircraft is to be sprayed at the same time as the cabin using 1 x 150g can (or an equivalent eg 2 x 100g cans) of the **Top of Descent** cabin spray formula. For B747 Combi aircraft with larger than normal cargo compartments, the cabin is to receive proportionately less spray than the cargo compartment so as to achieve the correct amount of spray for the main deck area.

VERIFICATION

Used cans are to be left inside the holds for inspection and removal by a Quarantine Officer on arrival.

- Under no circumstances should a hold door be opened after arrival at the first port of entry into Australia without the presence or approval of a Quarantine Office.
- To avoid undue inconvenience and delay it is strongly recommended that used cans be located at a convenient retrieval point, for example in a bag attached to the door, or internal webbing. Experience has shown that the bulk hold is a convenient place to locate the empty cans used for hold disinfection.

OVERNIGHT INSECT TREATMENT

1-Shot aerosols can be used when the aircraft is on the ground overnight to provide a once off fumigation for cockroaches and other insects. All lockers and interior doors are open and the aerosols placed in the aisles. 8 cans for a 747, 6 cans for a 767, 4 cans for a 737 and 757. Equally space through the aircraft with exterior doors closed, working from the rear, activate the cans, finally closing the front door and leaving closed for 4 hours. The same procedure can be used in the aircraft hold 737 and 757 - 1 can per hold, 747 and 767 - 2 cans per hold.

PACKAGING

12 x 150 gram cans per carton.

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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