

Detmol-pheno (AE)

PRODUCT INFORMATION

Use

Aircraft insecticides with short-term effect (blocks away, top-of-descent, pre-flight, pre-embarkation) for control of *Aedes aegypti* (yellow fever mosquito) and *Culex quinquefasciatus* (house mosquito) in cargo and passenger aircrafts.

Complies with the recommendations of the WHO on aircraft disinsection with short-term effect (blocks away, top-of-descent, pre-flight, pre-embarkation).

In addition, Detmol-pheno (AE) is also effective for control of crawling insects as for example bed bugs (*Cimex lectularius*), beetles (Coleoptera), cockroaches, etc. and for control of flying insects such as fruit flies (*Drosophila melanogaster*), house flies (*Musca domestica*), etc.

Detmol-pheno (AE) is used to prevent possible spreads of vector-borne diseases like for example Malaria, Zika, Chikungunya, Yellow and Dengue Fever.

The product has a very good knockdown and a good flushing effect. Further fields of application: Means of mass transportation as for example cruise ships (cabins, storage spaces), trains, tour buses, etc.

- Water based aerosol (more or less solvent-free).
- Propellant: air.

Further information can be found in the Material Safety Data Sheet.

Active ingredients

2 % 1R-trans-phenothrin, 1 % Chrysanthemum cinerariaefolium extract from hydrocarbon solvents (pyrethrins) 25 %, 0,1 % Orange, sweet, extract.

Mode of Action

By contact with spray droplets and/or spray deposit. Short-term effect, flushing and immediate knockdown effect.

Dosage

35 g per 100 m³.

One aerosol can with 200 ml is sufficient for approximately 570 m³.

One aerosol can with 100 ml is sufficient for approximately 280 m³.

Application

Application according to the WHO recommendation (0,7 g 1R-trans-phenothrin per 100 m³ = 35 g Detmol-pheno (AE) per 100 m³) for aircraft disinsection with short-term effect (blocks away, top-of-descent, pre-flight, pre-embarkation). Active ingredients in water solution: 2 % 1R-trans-phenothrin.

Power discharge nozzle for localized application is attached. For easy application we recommend a special applicator which is available separately and which can be attached on the aerosol can.

Consideration of the specifications/restrictions of the applying airline and/or the responsible airline engineering.

The material compatibility was tested and approved by the laboratory of the central materials technology department of Lufthansa Technik AG. AMS1450A and Boeing D6-7127 certified.

Specifically, the following tests were performed and they were passed without restrictions:

- Sandwich Corrosion Test - ASTM-F1110
- Paint Softening - ASTM-F 502
- Sealant and Primer Test - D6-17487
- Silicone Rubber Test - ASTM-D 471
- Polycarbonate Crazing - ASTM-F-484
- Polymethylmethacrylat Crazing - ASTM-F-484
- Flammability Impact Carpet - FAR 25 Appendix F VBB 12 sec
- Total Immersion Corrosion Test - ASTM-F483
- Additional Test for AMS1450A
- Residue on Alu-sheet 7075 Clad
- Temp Stability 120h @ 2 °C
- Short Storage Test 12h @ -23 °C

Restrictions: None

Precaution

Pressurised container. May burst if heated. Very toxic to aquatic life with long lasting effects.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Avoid release to the environment. Collect spillage. Dispose of contents/cans in accordance with local and national regulations. Contains Chrysanthemum cinerariaefolium extract from open and mature flowers of Tanacetum cinerariifolium obtained with hydrocarbon solvents. May produce an allergic reaction.

Remove unpacked foodstuffs and feed, domestic cattle and pets as well as toys, exposed dishes and other commodities before application. Cover kitchen utensils, tables, benches and other surfaces on which food is stored, prepared or consumed as well as clothes, seating furniture or other surfaces which are often contacted by skin or wash or clean them before use with an alkaline detergent.

Do not store below + 5 °C.

Disposal

Wastes resulting from the use of this product are to be disposed in accordance with national regulations.

Packaging

Cartons with 12 aerosol cans à 200 ml.

Cartons with 12 aerosol cans à 100 ml.