A contact insecticide with rapid knockdown action

Fendona® is

- a broad-spectrum insecticide
- highly effective
- odourless and does not stain

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Fendona® insecticide is a safe, fast acting and long-lasting insecticide for the effective control of mosquitoes and other disease-causing insects. It contains alphacypermethrin, a synthetic pyrethroid, with small crystalline particles that adhere to bare wood, glass, and even alkaline surfaces such as brick, concrete and masonry, leaving a non-absorbent residue on the surface for up to 9 months. It flushes insects in 5 minutes, has a knockdown of 30 minutes and kills within 24 hours.

User friendly and eco-friendly
Fendona® is ideal for use in hospitals, restaurants, kitchens, food processing and storage. Due to its water-based formulation it is both odourless and non-staining. Alphacypermethrin has a very low vapour pressure, and contains no aromatic solvents, therefore Fendona® has a low potential for inhalation, thereby allowing occupants to re-enter their premises sooner than treatment with solvent-based products would allow. Its low skin irritancy is advantageous for both ITN users and applicators.

Like most synthetic pyrethroids it is biodegradable and does not accumulate in the environment. It is, however, toxic to fish, therefore care must be taken not to contaminate fish tanks, ponds or waterways.

Low toxicity
Fendona® exhibits high insecticidal activity with low mammalian toxicity, with an acute LD₅₀ for rats greater than 6000mg/kg.

In fact, it is classed in the lowest WHO category of hazards (Class III), and when used according to the label, is not hazardous to humans or domestic animals.

Broad-spectrum pest control
Fendona® controls malaria vectors, nuisance and biting flies, cockroaches (American and German), bedbugs, fleas, mosquitoes, hide beetles larvae, fishmoths, stableflies, ants and litter beetle larvae and adults, either by contact or ingestion, by means of a spray or when applied to bedsheets.

Fendona® possesses a proven repellent action that prevents insects from getting too close in the first place.

Application
Fendona® is ideal for use in areas where the public and livestock is not allowed as directed, e.g. kitchens, rest rooms, food processing areas, as a residue on floors and general purpose warehouses.

Fendona® is also ideal for use in knapsack sprayers, portable equipment units and hoistable units for pest control. Application is best carried out using pressure, not atomising, and always with a nozzle or dropper. Always follow the manufacturer’s instructions.

Fendona® is best applied to treated areas with water to obtain the best results. Treated areas can be re-entered when sprayed to the manufacturer’s instructions. Ensure uniform application by taking particular attention to areas most likely to be treated. Treated areas should be thoroughly aired and vacuumed before re-entry.

Fendona® should not be applied on the skin or in the eyes. The product should not be ingested. In case of contact with eyes or skin, wash thoroughly with water. Talk to a doctor if necessary.

Jewellery, watches and other objects should not be worn. Do not eat or smoke when using. Do not wear any clothing that exposes the skin, such as shorts or sleeveless tops. Wash at the end of each day. Always keep the product out of reach of children. Do not allow children to play or handle the product. Do not allow children to enter treated areas.

Avoid breathing the spray. If you inhale it, get plenty of fresh air.

Avoid the eye. Do not rub your eyes if your hands are contaminated with the product. If it gets in your eyes, rinse with plenty of fresh water for at least 10 minutes. If symptoms persist, get medical advice immediately.

Avoid the skin. Do not apply on cuts, wounds, or irritation on the skin. Wash with soap and water if the product gets on your skin. If symptoms persist, get medical advice immediately.

If you swallow the product, get medical advice immediately.
Indication
Fendona® is a broad spectrum insecticide for the control of various pests.

Active ingredient
Alphacypermethrin (synthetic pyrethroid)

Formulation
60g/l Suspension Concentrate (SC)
50g/kg Wettable Powder (WP)

Dose rate
Refer to product label.

Mode of action
Following ingestion or contact, Fendona® acts against the central and peripheral nervous system, resulting in rapid death of treated insects.

Application areas
In and around domestic, public and industrial premises, including kitchens, restaurants, food storage and food processing areas.

Application
Fendona® is suitable for the control of crawling and flying insects on domestic, public and industrial premises. When used as directed, it may be safely applied in kitchens, restaurants and food storage and food processing areas. It can also be used as a residual surface treatment to walls, floors and gran sacks in grain storage warehouses.

Fendona® is suitable for use with most knapsack sprayers and other residual spray equipment used to control public health pests. Application should be made at low pressure, not exceeding 30 psi (2 Bar) and with a nozzle that produces even-sized droplets. Adhere strictly to directions for use.

Fendona® should be thoroughly mixed with water to give the required concentration. Treated surfaces should be thoroughly sprayed to the point of minimal run-off. Ensure uniform coverage and pay particular attention to areas where insects are most likely to come into contact with the insecticide.

Mean Anopheline mosquito densities inside dwellings up to seven months after Fendona® treatment in village scale trials in Pakistan (Rowland, 1998)

- Malaria is present in over 100 countries and 40% of the world's population is at risk – Fendona® excels in the fight against malaria.
- In trials conducted in Pakistan and Vietnam, following residual wall spraying with Fendona®, (see graph), the adult mosquito population density and malaria incidence were significantly reduced and consequently the morbidity rate dropped by 80 – 90%, particularly in the case of young children.
A contact insecticide with rapid knockdown effect

Residual activity at low dose rates
Both the physical stability and particulate formulation ensure Fendona® residual persistence. As a result, the residual activity persists for up to 9 months! When comparative trials measuring residual performance on painted plywood were conducted, using housesflies, Fendona® produced significantly improved residual performance than permethrin, deltamethrin or fenitrothion. For maximum protection against mosquitoes, mosquito bednets should be treated before the rainy season starts. In regions with 2 rainfall seasons, treat in April and October respectively.

Convenient formulations
Formulated as a water-based suspension concentrate (SC) and wettable powder (WP), both formulations meet WHO specifications.

Fendona® is available as:
- Fendona® 6 SC in 11 litre or 6ml Dip-it-Yourself sachets, ideal for ITN’s.
- Fendona® 5 WP in 150g water-soluble sachets, for ease-of-use knapsack sprayers, making it ideal for wall-spraying.

For further information please contact:
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Fendona® 5WP: Reg. No. L5533 (Act 36/1947) contains alphacypermethrin (pyrethroid) 50g/l
Fendona® 6SC: Reg. No. L5678 (Act 36/1947) contains alphacypermethrin (pyrethroid) 60g/l

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