




Fendona[®] 6

A contact insecticide with
rapid *knockdown* action

Fendona[®] 6 is:

-  A broad-spectrum insecticide
-  Highly effective
-  Odourless and non-staining



 **BASF**

We create chemistry

Fendona® 6



Fendona® 6, advantages at a glance:

- Reliable action at low concentrations on all surfaces.
- Low toxicity to human beings and warm-blooded mammals (acute oral LD(50) for rats > 5 000 mg/kg).
- Odourless (water-based product).
- Does not stain or corrode.
- Easy dosing and problem-free application.
- Ideal for resistance strategies in combination with other active ingredients.
- Tested and approved in accordance with the EU Biocide directive.

Fendona® 6 insecticide is a safe, fast acting and long-lasting insecticide for the effective control of mosquitos 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® 6 is ideal for use in hospitals, restaurants, kitchens, food processing and storage. Owing 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® 6 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.

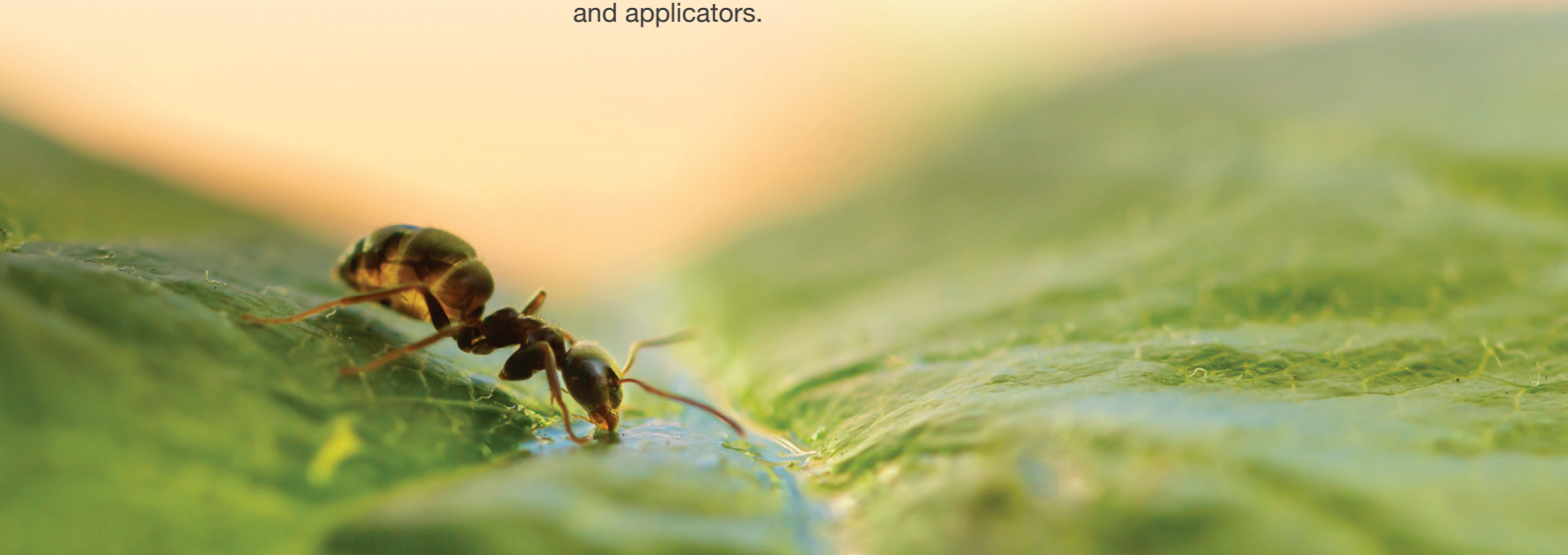
Low toxicity

Fendona® 6 exhibits high insecticidal activity with low mammalian toxicity, with an acute LD(50) for rats greater than 5 000 mg/kg. In fact, it is classed in the lowest WHO category of hazards (Class 111), and when used according to the label, is not hazardous to humans or domestic animals.

Broad-spectrum pest control

Fendona® 6 controls malaria vectors, nuisance and biting flies, cockroaches (American and German), bedbugs, fleas, mosquitos, hide beetle larva, fishmoths, stableflies, ants and litter beetle larvae and adults, either by contact or ingestion, by means of a spray or when applied to bednets.

Fendona® 6 possesses a proven repellent action that prevents insects from getting too close in the first place.



Fendona® 6

Application

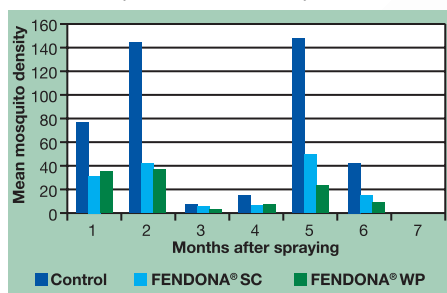
Fendona® 6 is suitable for the control of crawling and flying insects on domestic, public and industrial premises. When used as directed, it may be safely applied in kitchens, restaurants and food storage and food processing areas. It can also be used as residual surface treatment to walls, floors and grain sacks in grain storage warehouses.

Fendona® 6 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® 6 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® 6** 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® 6** excels in the fight against malaria.
- In trials conducted in Pakistan and Vietnam, following residual wall spraying with **Fendona® 6**, (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.



Fendona® 6 product profile

Indication	Broad spectrum insecticide for the control of various pests.
Active ingredient	Alphacypermethrin (synthetic pyrethroid).
Formulation	60 g/l Suspension Concentrate (SC). 50 g/kg Wettable Powder (WP).
Dose rate	Refer to product label.
Mode of action	Following ingestion or contact, Fendona® 6 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.

Fendona® 6



Residual activity at low dose rates

Both the physical stability and particulate formulation ensure **Fendona® 6's** 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 houseflies, **Fendona® 6** produced significantly improved residual performance than permethrin, deltamethrin or fenitrothion.

For maximum protection against mosquitos, mosquito bed nets should be treated before the rainy season starts. In regions with two 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® 6 is available as:

- **Fendona® 6 SC** in 1 litre.
- **Fendona® 5 WP** in 150 g water-soluble sachets, for ease-of-use knapsack sprayers, making it ideal for wall-spraying.



This brochure is intended as advice only. The recommendations for use issued for each product should be carefully observed.

Use biocides safely. Always read the label and product information before use.

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Fendona® 5 WP: Reg. No. L6535 (Act 36/1947) Contains Alpha-cypermethrin 50 g/kg. Warning. **Fendona® 6 SC**: Reg. No. L5678 (Act 36/1947) Contain Alpha-cypermethrin 60 g/l. Warning.
Fendona® 5 WP and **Fendona® 6 SC** are registered products of BASF.
Hazard Statements: Fendona® 5 WP – Do not breathe mist or vapour. **Fendona® 6 SC** – Very toxic to aquatic life with long-lasting effects. If medical advice is needed, have product container or label at hand. Collect spillage. READ THE LABEL BEFORE USE.