

INSECTICIDE

MICROTHRIN 4.0

Rev. 1 of 17/11/2020

**CONCENTRATED PBO-SYNERGIZED PERMETHRIN- AND TETRAMETHRIN-BASED
INSECTICIDE
- FOR PROFESSIONAL USE IN CIVIL AND DOMESTIC FIELD -**

COMPOSITION

| | |
|-------------------------|---------------------------|
| Pure Permethrin | gr. 15.0 |
| Pure Tetramethrin | gr. 0.9 |
| Pure Piperonyl Butoxide | gr. 8.0 |
| Co-formulants and water | quantum satis for gr. 100 |

CHARACTERISTICS

MICROTHRIN 4.0 is an insecticide in water microemulsion which acts by contact and ingestion and is characterised by a killing action. **MICROTHRIN 4.0** is indicated both for house indoors and outdoors: walls, chinks, floors, along the door-jambes and stiles, on floor skirting boards, basements, and warehouses, near doghouses, and dog shelters.

MICROTHRIN 4.0 is suitable for insecticide treatments of indoor and outdoor environments, such as community places (such as urban areas, offices, canteens, hotels, restaurants, theatres, kitchens, camping, tourist resorts, public buildings, such as hospitals, schools, clinics, and barracks), housing areas (such as flats, houses, kitchens, roofs, garages, avenues, gardens, and green areas in general), production areas, food industries (without direct contact with food), cheese factories, dairies, maturing warehouses, pork salted meat storage areas, mills, silos, slaughterhouses, tobacco mills, warehouses and premises destined to cigarette production and tobacco storage, means of transport (undergrounds, buses, trucks, ship holds, railway carriages, means for the transport of people, animals or goods), composting plants, landfills, purifying plants, sewers, and manholes.

TARGET INSECTS: against flying insects such as flies (*Musca domestica*) and Asian tiger mosquitoes (*Aedes albopictus*), crawling insects such as cockroaches (*Blattella germanica*) and ants (*Lasius niger*), and commodity vermin (*Plodia interpunctella* or mealworm moth).

MODES OF USE: it is promptly soluble and can be used to treat sensitive areas with electrical spraying systems and with hot and cold sprayers: ULV-sprayers, low-pressure pumps, backpack pumps, atomizers, and thermal smoke generators. **MICROTHRIN 4.0** can be used on public green areas and on turfs, hedges, bushes, tree-lined avenues only to fight against mosquitoes.

DOSES

| INDOOR TREATMENTS | | |
|--|--|---|
| Against flying insects | dilute 20-50 ml in 10 l of water (0.2-0.5 %) | The insecticide solution must be sprayed on the ambient area in reason of 1 litre for every 20 m ² . |
| Against crawling insects | dilute 100 ml in 10 l of water (1 %). | |
| Against commodity vermin | dilute 80 ml in 10 l of water (0.8 %). | |
| OUTDOOR TREATMENTS | | |
| Against mosquitoes | dilute 200 ml in 100 l of water (0.2 %). | Using medium-low volume atomizers, you can apply 100 litres for 10,000 m ² of surface. |
| Treatments with thermal smoke generators | use 100 ml of product diluted in 900 ml of water or other suitable solvent in accordance with the indications contained in the instructions of the equipment used. The solution must be used on average for 3,500 m ³ . | |

WARNINGS: Ventilate the premises sufficiently before re-entering them. Do not use in concentrated form: follow the instructions contained in the mode of use. When using the product, do not contaminate drinks and relevant containers. Ventilate the premises before staying there. Wait that surfaces are dried. Do not use in agriculture. Do not employ in the presence of animals. Because of the proven toxicity of permethrin on cats, do not apply in environments where the latter are mostly present.



HAZARD INDICATIONS: H317 May cause a skin allergic reaction. H410 Highly toxic to aquatic life with long-lasting effects.

| Registration | Packages | Carton |
|---|----------------------|-------------------|
| PMC REGISTRATION OF THE MINISTRY OF HEALTH No. 20702 | CAN 10 L | 1 pc |
| | CAN 5 L | CT: 2 pcs |
| | FLACON 1 L | CT: 12 pcs |
| | FLACON 250 ml | CT: 24 pcs |

This information notice is reserved to health operators: Doctors, Hygienists, Parasitologists, Chemists, Veterinaries, and Ecological Service Managers.