

**PROFESSIONAL
PRODUCTS**

entokim®

Environment • Technology • Science



**WE OFFER HEALTHY ENVIRONMENT
SINCE 1991**





Environment • Technology • Science

ENTOKİM CARES TO ENVIRONMENT

During the first fight against vectors that carry diseases and cause various damages; developing products that will not risk off-target creatures while combating target pests, and it is necessary to keep the principle of not accumulating in the environment at the forefront. Entokim, biodegradable it recommends biocidal products that have properties and do not have phytotoxicity. Non-accumulating in the environment the product, after doing its duty, the toxic part will be degraded and should be in nature as it decomposes into other organisms and will turn into non-toxic substances.

For this purpose, all our biocidal products use pure active substances with the highest purity and the lowest level of impurity. Please note, the purer the active substance, the shorter the time of decomposition in nature.

The active ingredients used in our products are registered in the ECHA list and comply with EU directives.

ENTOKİM BELIEVES IN THE POWER OF SCIENCE

Entokim has the largest library and technical equipment in the country for all the biocidal products it sells.

Behind all our products are technical knowledge & documentation based on science and an expert team.



ENTOKİM CARES TO TECHNOLOGY

Our company, which has been operating in the field of Environmental Health for more than 30 years, is an exclusive distributor of many international companies that are experts in their field and have a serious R&D budget.

These companies make a difference with the latest generation of patented technologies against target pests with their vast savings and innovative approaches based on many years.

Entokim is the first and only Turkish company that is an observer member of CEPA (Confederation of European Pest Management Associations). CEPA is a representative of an industry -in European level- with 25 national and regional trade associations, more than 3 billion worth of turnover produced by more 10.000 companies with more than 40.000 employees. In addition to the associations, CEPA membership includes European manufacturers, distributors and service companies.



European Union guidelines and EU level decisions are implemented by CEPA. Therefore only members can reach all these directives and scientific information at first hand.

microLARV[®] ME

It contains the active substance Pyriproxyfen, which is the recommended, reliable, and proven active substance in the fight against mosquitoes and houseflies. With the sudden larvacidal effect of Neem oil in its composition, mortality is observed in about 92% of larvae on the fourth day.

Microlarv ME[®] with the combination of Pyriproxyfen & Neem oil creates a special composition of larvae with a high sudden effect and a long duration of action.

Azadirachtin obtained from neem seeds has a toxic effect on insects and inhibiting nutrition. Neem products inhibit the stimulation of taste receptors, a negative reaction occurs at the stimulated receptors, and nutrition stops. As a result, they starve to death due to biochemical changes in the digestive systems of insect larvae. This brings the biological effectiveness of Microlarv ME[®] to its peak.

Microlarv Me[®], produced with high-level microemulsion technology, is homogeneously distributed in water with minimized particle size, while at the same time maximizing both contact and digestion effects. It shows a great spread in the area in which it is applied. Micro-sized particles penetrate the larvae much faster.

Microlarv ME[®] is formulated to contain no chemical solvents, so it carries no risk, especially in aquatic areas. Because the oil derivative does not contain solvents, it does not have a negative impact on the environment.

In addition to the long-time and high-tech manufacturing process, the field performance is unique with the high-level auxiliaries used and the original molecular structure.

Ascher (1993) listed the effects of compounds derived from the neem plant on insects as follows;

- Reduces egg time or number of egg layings
- Reduces lifetime
- Effect on insect eggs
- Antifeedant effect in larvae, nymphs, and adults
- Larvae, nymphs, and insects, especially in the pupal stage, to change the skin influence of growth regulators
- Analog lesions during adult formation
- Unhealthy in larval-pupa, nymph-adult, and pupa-adult transitions it can have effects in the form of individual



XYLENE FREE

**%5
PYRIPROXYFEN
+
Neem Oil
(Bio Solvent)**



MicroLarv ME® is a larval control agent used to prevent larvae from turning into adult flies. It does not directly kill the larvae, disrupting the normal process of insect development, resulting in pupation death and preventing them from emerging into the middle of the adults.

Pyriproxyfen affects the physiology and morphogenesis of insects. It inhibits the life cycle in the pupal/adult stages by allowing the larvae or pupae to develop normally. It also affects the survival of eggs exposed to pyriproxyfen.

The positive safety profile only poses minimal risk to mammals, birds, and fish. It also allows it to be applied even to drinking water.
(Pyriproxyfen drinking water literature no; WHO/SDE/WSH/03.04/113)

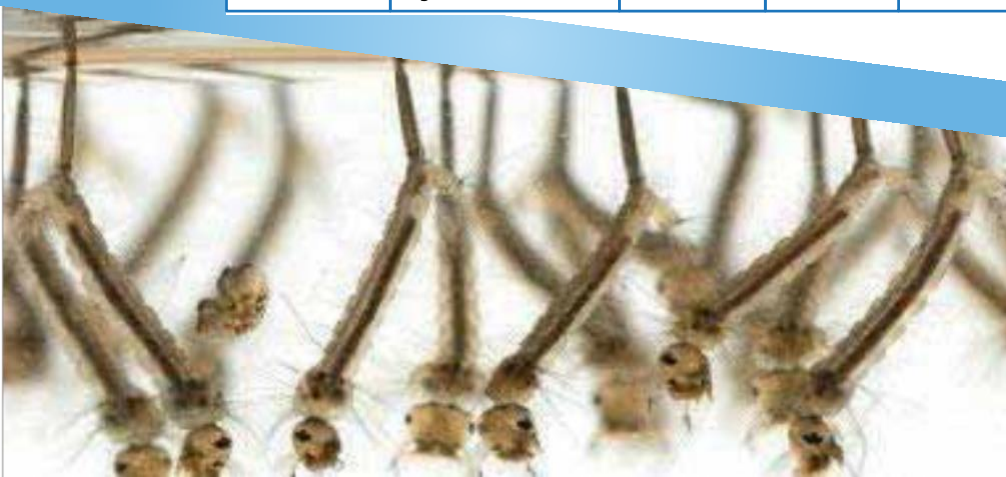
- Prevents larvae from turning into adults
- Unique mode of action
- Very low dose of use
- Long-lasting effect
- Minimal toxic effect
- Recommended in larval fight in WHOPES
- Approved for application to drinking water (Up to 0.01 mg ai/liter)
- Effective for all types of mosquito and housefly larvae.



LARVAL FIGHT NEW GENERATION MICROEMULSION TECHNOLOGY

Mosquito Larva and housefly larva fight
The most ideal containing bio solvent (neem oil)
combination

Pest Type Stage of Life	Application Area and Form	Mixture Ratio	Range of Application	Dose of Application
Mosquito Larvae	Spraying All mosquito breeding grounds in clean waters	1 L product + 499 L water	20 day	10 g ai/ha
Mosquito Larvae	Spraying All mosquito breeding grounds in dirty waters	1 L product + 499 L water	20 day	10 g ai/ha
Housefly Larvae	Spraying landfills, fertilizers, organic waste	1 L product + 2999 L water	30 day	0,05 g ai/m ²



hit point

MİKROEMÜLSİYON

Murin

ULTRA MAX SYRINGE

Murin

microLARV ME

Difekod

Draker 10.2

hit point

Draker 10.2

hit point

Kudes EC

Difekod

ULTRA MAX SYRINGE

hit point

Draker 10.2

microLARV ME

Kudes EC

Vebirat

ULTRA MAX SYRINGE

Giyotin

Draker 10.2

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Murin

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Draker 10.2

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Environment • Technology • Science

Formulated with original molecules,
High-end technology,
Complies with European Union directives,
"Environmentally Friendly Biocidal Products"



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Entokim Enviromental Health Co.


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