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Doktor Doom 90 Day Mosquito Larva Killer

Novaluron Insecticide

Briquets

A Formulation of the Insect Growth Regulator Novaluron for Control of Mosquito Larvae for up to 90 days PER BRIQUET.

Use in rain barrels, ornamental ponds, flooded depressions, pool covers, bird baths

DOMESTIC

ACTIVE INGREDIENT: Novaluron.....0.12%

REGISTRATION No. 34197 PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN  
READ THE LABEL BEFORE USING

CAUTION – EYE IRRITANT

NET CONTENTS 30 g – 1 kg

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## GENERAL INFORMATION

Doktor Doom 90 Day Mosquito Larva Killer prevents the emergence of adult mosquitoes (excluding *Mansonia* spp. and *Coquilletidia* spp.) from standing bodies of water containing 100 litres or more of water by preventing the development of their aquatic immature life-stages. Doktor Doom 90 Day Mosquito Larva Killer affects developing immature stages of mosquitoes by disrupting the molting process.

Consequently, adult mosquitoes and beneficial species are not affected by Doktor Doom 90 Day Mosquito Larva Killer. For best results, read all directions and recommendations thoroughly.

## DIRECTIONS FOR USE

### READ ALL DIRECTIONS COMPLETELY BEFORE USE

Doktor Doom 90 Day Mosquito Larva Killer is formulated into briquets which disintegrate and release novaluron into the standing body of water to control mosquito larvae (excluding *Mansonia* spp. and *Coquilletidia* spp.) for up to 90 days. The period for control of mosquito larvae may be reduced in areas of high water turnover or high organic matter content.

#### **Application sites:**

Doktor Doom 90 Day Mosquito Larva Killer briquets are designed for use in mosquito breeding sites which contain 200 litres or more of water. If the breeding site contains 100 litres water, break the briquet in half.

Doktor Doom 90 Day Mosquito Larva Killer are for use only when mosquito larvae are present in:

- standing water containing 100 litres or more of water wholly confined to the property of the user where there is no existing outflow beyond the property limits that remains for more than a week and cannot be drained (for example, flooded depressions, ornamental ponds)
- containerized water of 100 L or more (for example, bird baths, flower planters, discarded tires, ornamental ponds, rain barrels) that cannot be emptied, drained, flushed or changed at least weekly

Doktor Doom 90 Day Mosquito Larva Killer may only be applied to sites which do not drain into natural water bodies.

DO NOT apply this product to permanent natural water bodies such as lakes, rivers, streams, creeks, dugouts or ponds as these may contain sensitive aquatic invertebrates.

DO NOT apply this product to any water that is designed to flow beyond your property limits (for example, ditches, drains/drainage areas, rain gutters or catch basin sumps that flow into weeping tile beds or municipal storm drain systems).

BEFORE APPLYING THIS PRODUCT to a water body where there is a possibility of outflow beyond your property limits, contact your provincial/territorial regulatory authority as a permit may be required.

To help prevent mosquito infestations on your property, get rid of mosquito breeding sites. Do this by emptying, flushing or draining containerized and standing water, wherever practical, at least weekly or more frequently if mosquito larvae are present. For example, remove leaf litter from rain gutters, drill holes in bottoms of tire swings or discarded tires, empty water collected on pool covers, turn over wheel barrows and other containers, empty trapped water from recycling bins or trash containers, cover rain barrels with fly screen netting, replace water in bird baths and chlorinate swimming pools.

#### Application Rates for Doktor Doom 90 Day Mosquito Larva Killer

Water Volume (Litres)	Number of Briquets (Low organic matter content)	Number of Briquets (High organic matter content)
100	1/2	1
200	1	2
400	2	4
600	3	6
800	4	8

For application to shallow bodies of water up to 15 cm deep, apply 1 to 1.5 Doktor Doom 90 Day Mosquito Larva Killer briquets per square meter of surface area.

Use the higher rate in areas with high organic matter.

**Timing:** Doktor Doom 90 Day Mosquito Larva Killer affects larval stages of mosquitoes only, so begin treatment at the beginning of the mosquito breeding season in spring. To detect the presence of mosquito larvae, look closely for larvae moving in an “S” pattern at the water surface. Doktor Doom 90 Day Mosquito Larva Killer provides up to 90 days of mosquito larvae control in sites with limited turn-over of water. Re-treat every 90 days if mosquito larvae are still present. The retreatment interval may be shorter in areas of high water turnover or in areas with high organic matter. Treatments may continue until the last mosquito brood of the season as dictated by monitoring.

**Application Method:** Apply Doktor Doom 90 Day Mosquito Larva Killer to the specified application sites by hand. since the product is not suitable for dispersal through any equipment.

#### PRECAUTIONS:

##### KEEP OUT OF REACH OF CHILDREN

May irritate eyes. Avoid contact with skin, eyes or clothing. Do not use on food crops. DO NOT use treated water to irrigate food crops. DO NOT apply to water bodies where swimming is possible, including swimming pools. DO NOT use in water which may be used for immediate human or livestock drinking purposes. Avoid contamination of aquatic systems other than the target areas during the application of this product. Do not contaminate these non-target aquatic systems through direct application, disposal of waste or cleaning equipment.

#### FIRST AID:

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take the container label or product name and Pest Control Product Registration Number with you when seeking medical attention.

#### **ENVIRONMENTAL PRECAUTIONS**

This pesticide is toxic to aquatic invertebrates. Aquatic invertebrates may be killed at application rates recommended on this label. **DO NOT** apply where these are important resources. **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**STORAGE:** Store in a cool, dry place and away from direct sunlight. Do not contaminate water, food or feed by storage or disposal.

**DISPOSAL:** **DO NOT** reuse the empty containers. Dispose in household garbage. Unused or partially used products should be disposed at provincially or municipally designated hazardous waste disposal sites.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.