Municipalities are encouraged to share this information with all residents in their community

"Fyfanon®"

This sheet answers some basic questions about a mosquito control product in use in your county. The Monmouth County Mosquito Control Division, along with several other resources (listed at the end of this sheet), can provide more detailed information.

What is Fyfanon® and how is it used?

Fyfanon® is an insecticide product that is recommended for mosquito control in New Jersey by Rutgers, The State University of New Jersey. Fyfanon® contains the pesticides called ***"Malathion."*** The U.S. Environmental Protection Agency's (EPA) current evaluation considers Malathion containing products to be slightly toxic. Malathion when applied according to the label, can be used for public health mosquito control without posing unreasonable risks to the general population.

Fyfanon® is used for the control of adult mosquitoes. While habitat management and measures to control immature mosquitoes in water are preferred, the spraying of adult mosquitoes is called for when biting populations reach critical levels or when a disease organism is present in adult mosquitoes. A very fine mist is sprayed into the air since flying mosquitoes must directly contact the pesticide in order for it to be effective. As reported on EPA pesticide fact sheets, ULV applications involve small quantities of active ingredient in relation to the size of the treated area which minimizes exposure and risks to people and the environment.

How can I reduce my exposure to Fyfanon®?

While risk to the general public from the use of **Fyfanon®** may be minimal, avoiding exposure is always the safest course of action. Any possible exposure risk can be reduced by following some common sense actions:

- Pay attention to notices about spraying found through newspapers, websites, automated telephone messages or distributed by municipal, county or state agencies.
- Plan your activities to limit time spent outside during times of possible pesticide treatments.
- Keep children's toys indoors.
- Keep your pets, their food, water dishes and toys indoors.
- Stay away from application equipment, whether in use or not.
- Whenever possible, remain indoors with windows closed and with window air conditioners on non-vent (closed to the outside air) and window fans turned off during spraying.
- Avoid direct contact with surfaces that are still wet from pesticide spraying. Do not allow children to play in areas that have been sprayed until they have completely dried (approximately one hour).
- If you must remain outdoors, avoid eye and skin contact with the spray. If you get spray in your eyes or on your skin, immediately flush and rinse with water.

What are the symptoms of exposure to Fyfanon®?

Symptoms of exposure can include headache, nausea, dizziness, excessive sweating, salivation, excessive tearing, and a runny nose. The chance of experiencing these symptoms of exposure with proper use is low. EPA has estimated the exposure to both adults and children posed by ULV aerial and ground applications of malathion to be hundreds or even thousands of times below and amount that might pose a health concern. You should contact your physician, other medical providers or the New Jersey Poison Information and Education System (**NJPIES**) at **1-800-222-1222** if you experience the above symptoms following a pesticide spraying. Bring this sheet with you if you visit a physician or other medical provider.

How long will Fyfanon® last in the environment?

The **Fyfanon®** spray stays in the air for a short time until it lands on surfaces. Malathion has a low persistence and breaks down in water and soil within 1 to 25 days. Malathion breaks down faster in sunlight. The EPA cites that Malathion does not pose unreasonable risks to wildlife or the environment.

Where can I get more information on Fyfanon®?

The following are resources for more information regarding **Fyfanon®** and mosquito control in your area (unless otherwise noted, available during normal business hours):

For overall pesticide-specific information
9:30am to 7:30pm:
National Pesticide Information Center **800-858-7378**

For pesticide health information
& possible exposures – 24 hours:
New Jersey Poison Information
& Education System **800-222-1222**

For pesticide regulation & misuse complaints:
NJDEP Pesticide Control Program **609-984-6507**

For pesticide regulation:
USEPA Region 2 Office of Pesticide Programs **877-251-4575**

For state-wide mosquito control information:
NJDEP Office of Mosquito Control Coordination **609-292-3649**

For mosquito control recommendations:
Rutgers University, Department of Entomology **732-932-9774**

For local mosquito control information:
Monmouth County Mosquito Control Division **732-542-3630**

For health related pesticide information:
The Monmouth County Health Department **732-431-7456**