

PMRA Approved Label  
Sub. No. 2013-2008  
2014-04-01

**Formic Acid 65%**  
**FOR USE WITH MITEGONE READY TO FILL AND USE KITS - PADS AND METHOD**

**Acaricide: For treatment of honey bee colonies infested with Varroa and Tracheal Mites**  
**DOMESTIC**



**WARNING POISON**  
**DANGER – CORROSIVE TO EYES**  
**DANGER – SKIN IRRITANT**  
**POTENTIAL SKIN SENSITIZER**

**KEEP OUT OF REACH OF CHILDREN**  
**READ THE LABEL BEFORE USING**

**REGISTRATION NO. 31315 PEST CONTROL PRODUCTS ACT**

**GUARANTEE: Formic acid ... 65%**  
**Solution**

**Net Contents: 2 L 4L 16 L**

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## **DIRECTIONS FOR USE:**

\*Denotes standard PMRA precautions which may happen when acid is used by other methods than MiteGone dispenser, method, instruction and treatment timing amendments are pending.

\*Do not use Formic Acid 65% for use with MiteGone Ready to Fill and Use Kits - Pads and Method during honey flow or when honey supers are in place.

\*To minimize residues and contamination of marketable honey, carefully follow all label instructions.

\*Pre-Harvest Interval (PHI): Honey: at least 2 weeks from the end of the treatment in order to prevent contamination of marketable honey and off-flavor taste in honey.

**Application Precautions:** Prior to application of MiteGone pads, all holes in the hive should be sealed except the bottom hive entrance. The size of the hive entrance and housing must be appropriate to the size of the colony so the bees can maintain brood temperature without clustering.

\*Formic acid is corrosive to metal. Metallic materials, either inside the hive or those which get in direct contact with formic acid may corrode. Do not place, even briefly, formic acid on metallic hive covers.

\*Apply when outside temperatures are 10° to 30°C. Formic acid will disturb colony activities and may, within one day of application, result in queen rejection or a slight increase in bee mortality, especially at temperatures above 30°C. Due to slower diffusion of formic acid at cooler temperatures efficacy may be reduced when ambient daytime high temperatures fall below 10°C.

**Application Directions:** For use with MiteGone applicator pads. Apply formic acid to MiteGone pads in the READY TO FILL AND USE KITS by pouring in DK-20/22 2.25 kg (5 lb); in DK156/162 18 kg (40 lb) of 65% formic acid. Each MiteGone pad (12.5 cm (5") in length) will automatically absorb 120-125 g of formic acid. Apply in honey bee colonies at a rate of one MiteGone pad containing 120-125 g formic acid for every 5 frames of honey bees (standard Langstroth frames). This allows treatment of any size colony by varying the number of pads. MiteGone pads and treatment were designed to work under the hive/brood temperature maintained by the bees.

**Pad Installation:** DO NOT UNWRAP THE PADS. Do not place pads horizontally on top of the frames as this will result in no treatment. MiteGone pads are installed in the hive by fastening pads vertically to comb using two halves of a toothpick for each pad, one half in each corner of the pad. Install pads vertically with open cut end facing down in the bee space between the outmost comb and the inside wall of hive body.

### **Timing of Application:**

LATE SUMMER: Apply pads in late summer when queen reduces laying to protect the winter brood (e.g. last two weeks of August). Pads may be left in the hives until spring.

SPRING: Apply pads in spring in the top super (e.g. beginning of April). Remove pads when putting on honey supers (e.g., end of May). Do not leave pads in the hive during the summer as pads and comb may be damaged.

**PRECAUTIONS: Harmful or fatal if swallowed.** Fatal if inhaled. Irritating and corrosive to eyes and skin. Potential skin sensitizer. DO NOT get in eyes, on skin or on clothing. Avoid inhaling vapors. Known respiratory irritant. Handle product in a well-ventilated area. Work outdoors and stay upwind when handling. Wear goggles, chemically-resistant gloves, long sleeves and full-length pants or coveralls, and boots when handling formic acid. Use caution when opening the container, especially in warm weather. Have water readily available for use if eye or skin contact should occur. Wash skin thoroughly with soap and large amounts of water after handling. Remove clothing immediately if

contaminated. Wash contaminated clothing separately from household laundry. Do not contaminate water supply, ponds, lakes or streams with the product.

**FIRST AID:**

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

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 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.

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.

**TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

**STORAGE:**

Store product in original container in a cool, dry and well-ventilated area away from sulphuric acid, oxidizing agents, and sources of ignition. Avoid heat, sparks, and open flames. Use caution when opening the container, especially in warm weather. Do not eat, drink or smoke in areas of use and storage.

**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.