

ACID SAFETY – FIRST AID – RESPIRATORS

Respirators and Filters

A chemical cartridge respirator with organic vapor cartridge and dust/mist filter is recommended for outside use only.

Example: North Safety Products:
7700 Half Mask 7583-P100 Cartridge

Safety & Practicality for Beekeepers

The government safety regulations generally used in the chemical industry are unfortunately not very applicable to beekeeping and are usually discouraging.

- Aprons in the bee yard do not work. Bees get caught underneath them and then you get stung. I replaced aprons with thin rubber (rain) pants under my overalls.
- All acid must be handled at ground level below the knees; never above the waistline. Never do any thinning or measuring at eye level. (It is not necessary with MiteGone to handle acid above the waistline.)
- Set up the filling station in the bee yard down wind on a pallet on the ground.
- All filling is done below the knee level in the outdoor breeze while sitting in front of the filling station.
- Fill the pads in the bee yards. DO NOT pre-fill and transport large stacks of pads. Pre-filled pads will be crushed by their own weight, unless you use properly designed kits.
- Always use a scale on the ground for thinning and measuring in grams, kilos or pounds rather than measuring volume.
- The only safe way to transport acid is in thick walled kegs that acid is sold in and approved by regulations.
- Never pour acid from one container to another by hand or lift

the barrels using a forklift above you. Use loading docks and always have the barrels or kegs on solid ground. Use the “submerged hose” method. Use a hose with a tap so you can thin acid from 85-65% from barrels to small kegs without open pouring and funnels.

- Incorporate the preparation for treatment into your management. Prepare up to 20-40 hives at a time for treatment so you only put the respirator on once and do acid work only while wearing the respirator for a short time.
- Use medium thick rubber gloves so you have comfort feeling in your hands. Carry the filled pads below your waistline.

Filling Ready to Fill Kits

- Pour outdoor 65% formic acid into plastic bag lined box housing half-pads. FOR KITS OF:
20 pads - 2 litre 2.3kg/5lbs
156 pads-16 litre 18.75kg/40lbs
Close bag as it was folded and rolled, or tied with rubber tie. Flip package upside down then right side up, repeat several times. Pads are ready to use.

First aid: water

- Have a hose with clean running water or two pails of water, one open and one sealed in case an open one spills. Have a pitcher ready to dilute any spray or spills of acid.
- Before You Call the Help Line,**
Visit www.mitegone.com.
All I know is there.
READ HANDBOOK MANUAL
Containing detailed instructions.
Print: Literature applicable to your Operation put it in 3 hole binder
Creating your own field manual.



MiteGone Enterprises Inc www.mitegone.com
2910 Glenmore Rd N HELPLINE & ORDERS
Kelowna, BC Use Phone or Fax
Canada V1V 2B6 1-250-762-8156

INSTRUCTION FOR MITEGONE TREATMENT TREATING IN LATE SEPTEMBER-OCTOBER IS TOO LATE! THE DAMAGE TO WINTER BEES IS ALREADY DONE.



YOU CAN USE PRE-FILLED PADS OR FILL DRY PADS IN YARD. IN TEMPERATE CLIMATES OF CANADA, USA, AND EUROPE, TREAT TWICE A YEAR WITH 65% FORMIC ACID DO NOT UNWRAP THE PADS

Last week of August - As shown in picture, install three half pads, preferably on a frame of honey with plastic foundation. Pin pads to honey comb using two halves of a toothpick for each pad, one half in each corner. Leave the pads in the hives until the spring. You will be able to refill and reuse up to 60% of the pads.

Beginning of April - Reverse and check your hive. Install two half pads in top super as shown in the picture above. Remove pads at the end of May when putting on honey supers.

Benefits Cost \$3 to \$5 per Year per Hive - Following these instructions will get rid of Tracheal and Varroa mites, Nosema, Chalkbrood, as well as the Lesser Wax Moth and Small Hive Beetle.

For complete instruction: - See our website.

Rule of Thumb: You must use one half pad for every 5 frames of bees.

Performing Verification Testing Before the Treatment is a Must

Tests at other times do not relate to our experience. Use Natural Drop collected over 3-5 days and prorated to 24 hours. Drops below 8-10 mites are proof your last treatment worked and you are below the economical damage threshold. Treat even with ‘O’ drop results. For high infestation, add pad. Each spring, send at least 100 bees for slicing to confirm there are no trachea mites to cause damage.

Private Consultation – Conference Call Seminars are FREE.

To design a treatment for specific conditions or a seminar for your group.

Available at: