

OXALIC ACID DIHYDRATE

Varroa Mite Control Product
Solid

AGRICULTURAL

READ THE LABEL BEFORE USING

GUARANTEE: Oxalic Acid Dihydrate 99.65%

Net Contents: 1 kg

REGISTRATION NO. 29575 PEST CONTROL PRODUCTS ACT



DANGER - POISON

DANGER – CORROSIVE TO EYES

DANGER – SKIN IRRITANT

Canadian Honey Council
Suite 236, 234 – 5149 Country Hills Blvd NW
Calgary, AB, T3A 5K8
Enquiries phone 403 652 4441

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Fatal or Poisonous if swallowed.

Avoid inhaling/breathing dust or fumes.

CORROSIVE to the eyes.

DO NOT get in eyes

Corrosive to skin.

DO NOT get on skin or clothing.

Oxalic Acid Dihydrate should only be handled in a well ventilated area.

The application of Oxalic Acid Dihydrate should be limited to outdoor use only.

DO NOT use in enclosed overwintering areas.

Wear protective goggles, dust/mist filter, chemically resistant gloves, long-sleeved shirt, pants, shoes, and socks whenever handling, mixing, and loading Oxalic Acid Dihydrate and when performing clean-up and maintenance activities.

Wear a full-face respirator or a half-face respirator and protective goggles, fitted with organic acid filter, chemically resistant gloves, long-sleeved shirt, pants, shoes, and socks whenever applying Oxalic Acid Dihydrate with a vaporizer.

Wear protective goggles, chemically resistant gloves, long-sleeved shirt, pants, shoes, and socks whenever applying Oxalic Acid Dihydrate by the solution method.

All clean-up and maintenance activities should be performed in a well ventilated area, preferably outdoors.

Keep away from food and drink.

Wash skin thoroughly with soap and water after handling.

Remove clothing immediately if contaminated by splash or spill.

Store and wash contaminated clothing separately from household laundry.

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 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.

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

TOXICOLOGICAL INFORMATION

Treat symptomatically.

DISPOSAL

Do not contaminate irrigation/ drinking water supplies or aquatic habitats by disposal of unused product.

Dispose of any unused oxalic acid dihydrate-sugar-water solution immediately after application in accordance with provincial requirements.

Dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the provincial regulatory agency in case of a spill, and for clean-up of spills.

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. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

CAUTION: Oxalic Acid Dihydrate might damage bee brood. Oxalic Acid Dihydrate will not control Varroa mites in capped brood. Use only in late fall or early spring when little or no brood is present. Do not use when honey supers are in place to prevent contamination of marketable honey.

Apply only when monitoring indicates treatment is required. Consult provincial guidelines and local extension experts for monitoring protocols and thresholds for treatment.

SOLUTION METHOD:

NOTE: To completely dissolve Oxalic Acid Dihydrate, use warm syrup.

Dissolve 35 g of Oxalic Acid Dihydrate in 1 liter of 1:1 sugar:water (weight:volume). Smoke bees down from the top bars. With a syringe or an applicator, trickle 5 ml of this solution directly onto the bees in each occupied bee space in each brood box. The maximum dose is 50 ml per colony whether bees are in nucs, single, or multiple brood chambers. Under certain unfavorable conditions (e.g. weak colonies, unfavorable overwintering conditions), this application method may cause some bee mortality or overwintering bee loss.

VAPORIZER METHOD:

Apply only to outdoor colonies with a restricted lower hive entrance. Seal all upper hive entrances and cracks with tape to avoid escape of Oxalic Acid vapor. When possible, treat while hives are wrapped to ensure they are properly sealed. Smoke bees up from the bottom board. Place 2.0 g Oxalic Acid Dihydrate powder into vaporizer. Follow the vaporizer manufacturer's directions for use. Insert the vaporizer apparatus through the bottom entrance. Apply heat until all Oxalic Acid has sublimated.