BEETLEBLOCK-MCH

A REPELLENT PHEROMONE PRODUCT FOR CONTROL
OF THE DOUGLAS-FIR BEETLE  Dendroctonus pseudoisugae

ACTIVE INGREDIENT
3-methylcyclohex-2-en-1-one ..................................... 99.50%
OTHER INGREDIENT ........................................... 0.50%
TOTAL .................................................. 100.00%

Each dispenser contains 400 milligrams of pheromone
The dispenser component constitutes approximately 70%
of the product's total weight

KEEP OUT OF REACH OF CHILDREN

CAUTION
SEE BACK PANEL FOR FIRST AID STATEMENTS

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

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San Jose, Costa Rica

EPA Registration No. 73813-1  EPA Est. No. 73813-CRI-1

NET WEIGHT: 4.0 Grams  Batch No 26 157.1 E2-59.0

10 dispensers containing 400 mg of pheromone per dispenser

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a
manner inconsistent with its labeling.

1. CROP:  Douglas-fir, Spruce
2. PEST:  Douglas-fir beetle  [Dendroctonus pseudoisugae]
          Spruce beetle  [Dendroctonus rufipennis]

3. APPLICATION: BEETLEBLOCK-MCH dispensers are for use in tree stands
containing a significant portion of Douglas-fir or spruce
trees. BEETLEBLOCK-MCH dispensers emit an
anti-aggregation pheromone that is repellant to Douglas-fir
beetles and may be repellant to spruce beetle  [Dendroctonus
rufipennis]. BEETLEBLOCK-MCH dispensers repel mass
attack by Douglas-fir beetles and spruce beetles. Staple
BEETLEBLOCK-MCH dispensers 6 - 12 feet above the
ground to the north side of standing Douglas-fir or spruce
trees. Place the lure dispensers on susceptible trees in a grid
pattern at an average dose of 40 dispensers per acre [100
dispensers/hecctare]. The minimum/maximum dose
is 25/50 dispensers/acre or 63/125 per hectare.

4. TIMING: Deploy BEETLEBLOCK-MCH at least two weeks prior to the
expected attack flight of the beetles. Under normal weather
conditions BEETLEBLOCK-MCH dispensers emit effective
amounts of MCH for 60 days.

5. NOTES:
[i] If pest population densities are excessively high,
repellency will be less effective. At high population densities
pheromone trapping as well as application of
BEETLEBLOCK-MCH dispensers is recommended.
[ii] Treating larger areas gives a geometrical advantage in so
far that Douglas-fir beetles repelled from an area endeavor to
fly out of the repellent treated area, and the larger this area
the more Douglas-fir beetles are likely to exhaust and die during
flight.
[iii] BEETLEBLOCK-MCH also works well on small [<1
acre] stands of Douglas-fir and spruce.
[iv] Monitor treated areas for Douglas-fir beetle using
pheromone traps.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION
Do not puncture liquid reservoir. Prior to use open shipping bag in a well ventilated area and allow accumulated vapors to vent.
Causes moderate eye irritation. Avoid contact of the liquid or vapors with skin, eyes or clothing. Liquid is harmful if absorbed through the skin, inhaled or swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

FIRST AID
IF LIQUID IS ON SKIN OR CLOTHING:
» Take off contaminated clothing.
» Rinse skin immediately with plenty of water for 15-20 minutes.
» Call poison control center or doctor for treatment advice.

IF VAPORS ARE INHALED:
» Move person to fresh air.
» If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.
» Call poison control center or doctor for treatment advice.

IF LIQUID IS SWALLOWED:
» Call poison control center or doctor immediately for treatment advice.
» Have person sip a glass of water if able to swallow.
» Do not induce vomiting unless told by a poison control center or doctor.
» Do not give anything by mouth to an unconscious person.

IF LIQUID OR VAPORS ARE IN EYES:
» Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after 5 minutes, then continue rinsing eye.
» Call poison control center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS
For terrestrial uses, do not apply directly to water, or areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

STORAGE AND DISPOSAL STATEMENTS
Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container, in cool, dry area at 75 ° F (23 ° C) or below.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then, dispose of in a sanitary landfill or, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

WARRANTY
ChemTica Internacional, warrants that this product conforms to the chemical description on the label. ChemTica Internacional neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantees or representation, express or implied, concerning this material. ChemTica Internacional's maximum liability for breach of this warranty shall not exceed the purchase price of the product. Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product.