

PROPOSED AMENDED LABEL

FRONT PANEL

MARGOSAN-O® BOTANICAL INSECTICIDE CONCENTRATE

For effective management of whiteflies, thrips, mealybugs, leafminers, loopers, caterpillars, beet armyworms, aphids, ants, flies, cockroaches, fleas, weevils, psyllids, webworms, hornworms, spruce budworms, pine sawflies, gypsy moths, crane flies, leafhoppers, fruit flies, elm leaf beetle, bagworms, tent caterpillars, grasshoppers, mosquitos, field crickets, mole crickets, white grubs, sod webworms, fall armyworms, chinch bugs, hyperodes weevils, and billbugs on ornamentals, trees, and shrubs, in and around greenhouses, commercial nurseries, interiorscapes and homes.

Do not use on food-crops.

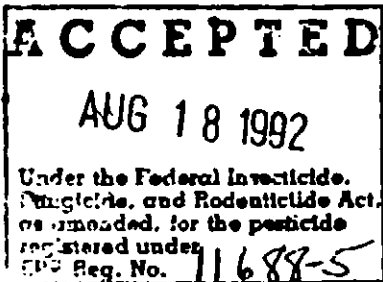
Active Ingredients:

Azadirachtin -----	0.3%
Inert Ingredients -----	<u>99.7%</u>
Total	100.0%

EPA Registration No: 11688-5 EPA Establishment No: 11688-MD-1

Manufactured by: W. R. Grace & Co.- Conn.

7379 Rt. 32
Columbia, MD 21044



KEEP OUT OF REACH OF CHILDREN
CAUTION

See Back Panel for Additional Precautionary Statements

Net Contents: _____

BACK PANEL

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals.

to label

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Avoid contamination of feed and foodstuffs. Avoid breathing spray mist. In case of eye contact, flush eyes with plenty of water. If on skin, wash with soap and water. Wash contaminated clothes before reuse. If irritation persists, get medical attention.

Environmental Hazards:

This product may be hazardous to fish and aquatic invertebrates. Do not apply directly to or allow run-off into ponds, lakes, streams, or wetlands. Do not contaminate water by cleaning of equipment or disposal of water.

Physical and Chemical Hazards:

Flammable. Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

Storage: Keep in original container. Store in a cool, dry place, away from direct sunlight, feed or foodstuffs. Keep container tightly sealed when not in use. Do not store below 50°F (10°C) or above 95°F (55°C).

Disposal: Rinse water and unused diluted pesticide may be disposed of on site or in an approved waste disposal facility. Do not reuse empty container. Triple rinse empty containers and offer for recycling or puncture and dispose of in a sanitary landfill or by incineration, if allowed by state and local authorities. If burned, stay out of smoke.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

General

- For use to control whiteflies, thrips, mealybugs, leafminers, loopers, caterpillars, beet armyworms and aphids on bedding plants, potted plants, foliage plants, ornamentals, trees and shrubs, in and around greenhouses, commercial nurseries, interiorscapes, and homes.
- Margosan-O® is most effective when applied 2-3 times in succession.
- For use to control gypsy moths, weevils, psyllids, webworms, hornworms, spruce budworms and pine sawflies on trees and shrubs on residential and commercial landscapes.
- Do not use on food crops.
- Not for use in food handling areas.
- Shake well before using.

Commercial use

- For high volume application, dilute Margosan-O® to a concentration of 2.5 to 5.0 pints per 100 gallons of water (2.5 to 5 teaspoons of Margosan-O® per gallon of water). Mix thoroughly. Apply at 25-40 psi with hand sprayer or 100-200 psi with power sprayer as a fine spray to both leaf surfaces to runoff. Excessive application is unnecessary and should be avoided.
- For low volume application, provide 10.6 g active ingredient (equivalent to 7.5 pints Margosan-O®) per acre.
- Sprays may be applied on a preventative 7-day schedule or at the first sign of insect presence. This schedule is effective under low insect pressure. Under high insect pressure, apply every 3-4 days.
- For drench application in greenhouse plantings, use 2.5 pints per 100 gallons and apply at the rate of 1 quart of diluted solution per square foot of growing media surface. Repeat at 14 day intervals during the growing season.
- Spraying directly onto the pest and a longer duration of leaf wetting increase effectiveness. Apply in early to mid-morning or late afternoon. This is particularly important with whitefly adults which are sedentary on the undersides of leaves at these times.

• Margosan-O® in diluted solution should be maintained at pH between 3-8. Use outside of this pH range may cause product degradation. Spray solutions should be used within several hours of preparation for maximum effectiveness. Do not store diluted solution for later use.

• Do not add adjuvants (spreaders, surfactants, etc.) to Margosan-O® as it already contains its own surfactant.

• Do not apply to wilted or otherwise stressed plants, or to newly transplanted material prior to root establishment. Do not apply to known spray sensitive plants without testing. Do not apply when ambient temperature exceeds 90°F (32 °C).

Home use

• For use on bedding plants, potted and foliage plants, ornamentals, trees, and shrubs. in and around homes to control the immature or larval forms of insect pests:

• For use on trees and shrubs on residential landscapes to control the immature larval stages of pests:

• For use as a repellent against ants, cockroaches, and japanese beetles:

• Dilute a concentration of 3 fluid ounces (5 tablespoons) of Margosan-O per gallon of water. Mix thoroughly. Apply with a hand sprayer as a fine spray to leaf surfaces to run-off. Be sure to coat undersides of leaves as this is where many insects hide. Excessive application is unnecessary and should be avoided. Do not apply to known sensitive plants without a prior small scale test application.

• The 16 oz. hose end applicator will treat approximately 650 square feet of plant material 3 times. Repeat application 2 to 3 times at an interval of 7-10 days. Apply to both leaf surfaces to run-off. Be sure to coat undersides of leaves as this is where many insects hide. Excessive application is unnecessary and should be avoided. Do not apply to known sensitive plants without a prior small scale test application.

- Known sensitive plants
 - African Violet flowers
 - Hibiscus flowers
 - Impatiens flowers

WARRANTY

W. R. Grace & Co.- Conn. warrants that the material contained herein shall substantially conform to the chemical composition stated herein. The foregoing warranty is in lieu of all other warranties expressed and implied, including the implied warranties of merchantability and fitness for a particular purpose which are expressly disclaimed. Buyer's sole remedy shall be replacement of defective material or refund of the purchase price. In no event shall Grace be liable for any injury, loss, or damage, direct, indirect, incidental, or consequential arising out of the use of this material.

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