

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention
Division (7501W)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

11688-20

Date of Issuance:

MAY 13 1996

Term of Issuance:

Conditional

Name of Pesticide Product:

Neem Oil RTU

NOTICE OF PESTICIDE:

 x Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Grace Biopesticides
W. R. Grace & Co.-Conn..
7500 Grace Drive
Columbia, MD 21044

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 11688-20."
 - b. Make the use directions more clear regarding how to spray and how much to apply.
 - c. Since this is a homeowner use label, the Environmental Hazards statement should be revised to delete "intertidal areas below the mean high water mark." You may use the term "wetlands" instead of this phrase.

Signature of Approving Official		CONCURRENCES				Date	
SYMBOL	7501W	7501W					
SURNAME	Kumar	TORIN					
DATE	5-13-96	5-13-96					

- 2/5
- d. Alternate formulation #5 is not acceptable. Provide the chemical identity of all components, the percentage composition, CAS Registry Number, and Material Safety Data Sheet for ATPLUS 411F. Your supplier may contact us directly referencing the File Symbol of EPA Registration Number in their response. The confidential information submitted by the suppliers is kept confidential under FIFRA Section 10.

3. Submit five copies of the final printed labeling before you release this product for shipment. Copies of the precautionary labeling review and data evaluation records are enclosed for your records.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Any questions regarding this letter should be directed to Rita Kumar, the Regulatory Action Leader for this action, at (703) 308-8291.

Sincerely,



Janet L. Andersen
Acting Director
Biopesticides and Pollution
Prevention Division (7501W)

GRACE

NEEM OIL RTU
BROAD SPECTRUM BOTANICAL
FUNGICIDE/INSECTICIDE/MITICIDE
WATER-BASED

For use on roses, flowers, houseplants, ornamental trees and shrubs, fruits, nuts, and vegetables in and around the home and home garden.

Controls blackspot, powdery mildew, rust, spider mites, aphids, whiteflies, and other insect pests.

ACTIVE INGREDIENT:

Clarified Hydrophobic Extract of Neem Oil 0.9%

INERT INGREDIENTS: 99.1%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside panels for additional precautionary statements.

MANUFACTURED BY:

GRACE Biopesticides
W.R. Grace & Co.-Conn.
7500 Grace Drive
Columbia, MD 21044-4098

EPA Reg. No. 11688-____

EPA Est. No. _____

Net Contents: _____

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAY 13 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
11688-20

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION.

Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. In case of contact, flush eyes or skin with plenty of water. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

BEE HAZARD

This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

STORAGE & DISPOSAL

Pesticide Storage: Keep in original container. Store away from direct sunlight, feed, or foodstuffs. Keep container tightly sealed when not in use. Keep from freezing.

Container Disposal: Do not reuse empty container. Securely wrap original container in several layers of newspaper and discard in trash. Rinse thoroughly before discarding in trash.

DIRECTIONS FOR USE

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

Keep unprotected persons out of treated areas until sprays have dried.

GENERAL INFORMATION

- Multi-purpose organic fungicide/insecticide/miticide—3 in 1 product.
- Kills eggs, larvae, and adult stages of insects.
- Prevents fungal attack of plant tissues.
- Not for use in food-handling areas.
- Shake well before using.
- Neem Oil RTU is most effective when applied in early to mid-morning or late afternoon when adult pests are normally sedentary on the undersides of foliage.
- Thorough plant coverage is essential to obtain optimal levels of control.
- Do not apply to wilted or otherwise stressed plants, or to newly transplanted material prior to root establishment.
- As with other pest control products, care should be exercised in timing applications to early morning/late evening to minimize the potential for leaf burn.
- Use with care on plants with tender tissue. Check for leaf burn in small-scale trials prior to use.

FUNGICIDE USE

Application Instructions

- Neem Oil RTU is an effective fungicide for the prevention and control of various fungal diseases including black spot on roses, powdery mildew, downy mildew, anthracnose, rust, leaf spot, botrytis, needle rust, scab, and flower, twig, and tip blight.
- Neem Oil RTU may be used on all roses, flowers, houseplants, ornamental trees and shrubs, fruits, nuts, and vegetables grown in and around the home and home garden.
- As a preventative, Neem Oil RTU should be applied on a 7 to 14-day schedule until the potential for disease development is no longer present.
- To control disease already present, apply Neem Oil RTU on a 7-day schedule until disease pressure is eliminated. Then continue spraying on a 14-day schedule to prevent the disease from reoccurring.
- To prevent rust, leaf spot diseases, anthracnose, and scab, begin applications at the first sign of spring budding.
- To prevent powdery mildew, apply in mid-summer or when disease is first detected. Applications should continue until disease pressure no longer exists.
- To prevent black spot on roses, applications should begin at first bud emergence in spring. Apply Neem Oil RTU on a 14-day preventative schedule through the spring and fall to prevent disease emergence.

INSECTICIDE USE

Application Instructions:

- Neem Oil RTU is an effective insecticide for the control of various insect pests including whiteflies, mealybugs, armyworms, hornworms, leafhoppers, bagworms, leafminers, psyllids, fruit flies, loopers, budworms, beetles (including Japanese beetles), aphids, scales, caterpillars, midges, budworms, and mites (including spider mites).
- Neem Oil RTU may be used on all roses, flowers, houseplants, ornamental trees and shrubs, fruits, nuts, and vegetables grown in and around the home and home garden.
- Apply Neem Oil RTU at first sign of insects/mites. Neem Oil RTU is most effective in controlling insects/mites when applied on a 7-14 day schedule. For heavy insect populations, apply on a 7-day schedule.