



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505C)
 401 "M" St., S.W.
 Washington, D.C. 20460

EPA Reg. Number:
 707-222

Date of Issuance:
 APR 13 1995

Term of Issuance: **Conditional**

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Name of Pesticide Product:
**Nu-Flow M Seed
 Treatment Fungicide**

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Rohm and Haas Company
 Agricultural Chemicals
 100 Independence Mall West
 Philadelphia, Pennsylvania 19105-2399

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) and (B) provided that you:

1. You will submit the data listed below, conducted in accordance with the 40 CFR Part 158 test guidelines referred to below:

<u>Guideline Reference Number</u>	<u>Study Title</u>	<u>Due Date</u>
164-1	Soil Dissipation	May 15, 1997

2. 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.
3. You will submit production information (pounds or gallons produced) for this product for the fiscal year in which the product is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1

Signature of Approving Official:

Cornelia B. Webb

Date:

4/13/95

and ends September 30. The production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year. This information should be submitted to:

U.S. Environmental Protection Agency
Office of Pesticide Programs (7504C)
Document Processing Desk
401 M Street, S.W., CM#2
Washington, D.C. 20460

- 4. Make the following labeling change before you release the product for shipment: Add the phrase "EPA Registration No. 707-222".
- 5. Submit five copies of the final printed label for the record.

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.

Sincerely yours,



Connie B. Welch
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

7505C:C.Grable:cg:4/3/95



NU-FLOW[®] M

SEED TREATMENT FUNGICIDE

ACTIVE INGREDIENT
MYCLOBUTANIL

α -butyl- α -(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile.....25%*

INERT INGREDIENT.....75%

TOTAL 100%

*Equivalent to 2 lbs. active ingredient per gallon

ACCEPTED
with COMMENTS
in EPA Letter Dated

EPA REG. NO 707 -
EPA EST. NO 707 - PA - 01

APR 13 1995

US Patent No. 4,366,165

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
707-222

NOTICE: Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES- Flush with a large amount of water for at least 15 minutes. Call a physician if irritation persists.

IF INHALED- Move victim to fresh air.

IF ON SKIN- Wash affected skin thoroughly with soap and water. Get medical attention

IF SWALLOWED- Dilute by giving two glasses of water to drink and call a physician. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN- Petroleum distillates are present. Evacuation of the stomach is advisable. Careful gastric may be indicated, depending upon the extent of the involvement.

NET CONTENTS 1 GALLON (3.785 LITERS)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER**

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if swallowed, inhaled, or absorbed through the skin. Do not swallow, get in eyes, on skin or breathe spray mist.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category **G** on an EPA chemical resistance category selection chart.

Applicators and other handlers (other than mixers and loaders) must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or Viton \geq 14 mils.
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing or loading

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards(WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift or runoff from areas treated.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE. Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or Viton \geq 14 mils.
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

GENERAL INFORMATION

NU-FLOW M Seed Treatment Fungicide is recommended for use at time of planting as a seed treatment to protect against sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*) which impairs good cotton seed germination and seedling development. NU-FLOW M can be tank-mixed with other properly labeled cottonseed protectants such as Apron TL for Pythium control. NU-FLOW M is a liquid formulation that can be pumped or poured directly into the cotton seed treater or diluted with water, provided the recommended amount of product is applied.

Label Treated Seed "This Seed is treated with NU-FLOW M Seed Treatment Fungicide. Do not use for food, feed, oil production or any other purpose except planting." Do not graze cotton plants grown from treated seed. Store away from feed and foodstuffs.

In California, this product must be applied through a closed system such as Weco-RED (Returnable Evacuation Device).

FOR USE ON COMMERCIAL COTTON SEED TREATMENT

Use 1.25 to 1.75 fld. oz. NU-FLOW M Seed Treatment Fungicide per 100 lbs. cotton seed to reduce seedling damage caused by sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*).

Always use NU-FLOW M Seed Treatment Fungicide with an EPA approved dye or colorant that imparts an unnatural color to the seed.

Do not apply this product through any type of irrigation system.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. **ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR USE.** Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. **IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

STORAGE AND DISPOSAL
STORAGE: Keep from freezing. Store above 32°F.
PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance
CONTAINER DISPOSAL: Triple rinse (or equivalent), then puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate ignition sources. Ventilate area. Avoid breathing vapor. Use self-contained breathing apparatus (pressure-demand, MSHA/NIOSH-approved or equivalent) for large spills in confined areas. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid and solid diking materials to separate containers for recovery or disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

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10/29/93