

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. <b>51036-171</b>	DATE OF ISSUANCE <b>MAY 25 1990</b>
	TERM OF ISSUANCE <b>Conditional</b>	
	NAME OF PESTICIDE PRODUCT <b>Captan 4 Flowable Seed Protectant</b>	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

MICRO FLO COMPANY  
 P. O. Box 5346  
 Lakeland, FL 33807

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 5(c)(7)(C) provided that you:

1. Submit/cite all data required for registration/reregistration of this product under FIFRA section 5(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 51036-171" to the label before you release the product for shipment.
3. Submit adequate storage stability data for this product within 15 months from the date of this Notice.
4. Submit five (5) copies of the final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Joanne L. Miller  
 Acting Product Manager (23)  
 Fungicide-Herbicide Branch  
 Registration Division (7-7505.2)

Enclosure

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>Joanne L. Miller</i>	DATE <b>5-25-90</b>
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**ACCEPTED**  
MAY 25 1990  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 51036-121

**MICRO FLO**  
**CAPTAN 4 FLOWABLE SEED PROTECTANT**  
Agricultural Fungicide - Aqueous Suspension

**ACTIVE INGREDIENT:**

*Captan .....	38.70%
Related Derivatives .....	0.90%
<b>INERT INGREDIENTS:</b> .....	60.40%
<b>TOTAL</b> .....	<b>100.00%</b>

\*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide  
(Contains 4 Pounds of Active Ingredients Per Gallon)

This product contains the toxic inert ingredient Rhodamine B

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  
**CAUSES IRREVERSIBLE EYE DAMAGE**

**STATEMENT OF PRACTICAL TREATMENT**

immediately start the procedures given below and **CONTACT A POISON CENTER, A PHYSICIAN OR THE NEAREST HOSPITAL.** Describe the type and extent of exposure, the victim's symptoms, and follow the advice given.

**IF IN EYES:** Flush with plenty of water. Call a physician.

**IF SWALLOWED:** Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician or poison control center.

**IF INHALED:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if abnormal reaction occurs.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL (800)-F-A-S-T-M-E-D (327-8633). FOR CHEMICAL EMERGENCY:** Spill, leak, fire, exposure, or accident, **CALL CHEMTREC 1-800-424-9300.**

**PRODUCT FREEZING TEMPERATURE 32 degrees F.** Satisfactory utility may generally be restored after thawing and mixing a product which has frozen. Repeated freezing-thawing cycles may impair utility.

EPA Reg. No. 51036-\_\_\_\_\_ EPA Est. No 51036-GA-1

**Manufactured By**  
**MICRO FLO COMPANY**  
P.O. BOX 5948, Lakeland, Florida 33807

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**PRECAUTIONARY STATEMENTS**  
**Hazards To Humans And Domestic Animals**  
**DANGER**

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Avoid inhalation of vapor. Remove and separately launder clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not clean or dispose of equipment washwaters in a manner that will contaminate water resources.

**DIRECTIONS FOR USE**

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

**USE PRECAUTIONS**

Read the entire label before using. Use only as recommended for claims listed.

Wear goggles or face shield when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and separately launder clothing before reuse.

Mixers/loaders when mixing and loading this product must wear a long sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, goggles or a face shield and a chemically resistant apron.

**AFTER WORK:** Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

**SPECIAL USE PRECAUTIONS**

**IMPORTANT:** Treated seed must not be used for human consumption nor for animal feed.

The Federal Government and most States have seed laws or regulations requiring that an appropriate caution statement be affixed to bags containing treated seed, such as:

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**TREATED SEED - DO NOT USE FOR FEED, FOOD OR OIL PURPOSES**

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**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage, disposal, or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

**STORAGE:** Keep pesticide in original container. Store in a cool dry place (below 110 degrees F). Protect from freezing temperatures (32 degrees F or lower).

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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 offer for recycling, reconditioning, or puncture and dispose in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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Captan 4 Flowable Seed Protectant is an aqueous suspension suitable for the treatment of seed prior to storage and planting, to protect seed from molds and other fungi causing storage loss and to protect seed from seed-borne and soil-borne fungi which cause seed decay, damping-off and seedling blights.

**READ ALL DIRECTIONS BEFORE USING AND USE ONLY AS SPECIFIED ON THE LABEL.**

**IMPORTANT:** Before using - stir thoroughly to mix contents.

**DIRECTIONS:** Thoroughly mix the recommended amount of Captan 4 Flowable into the required amount of water for the slurry treater equipment and dilution rate to be used. Clean equipment thoroughly between treating operations.

**NOTE:** Seed treated by the slurry method should not be bagged until such time as the seed has had an opportunity to dry. Store in well ventilated areas. If seed is bagged when wet, heat is developed and impairs seed germination.

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The following TABLE gives recommended amounts of Captan 4 Flowable Seed Protectant to use on various seed. Use higher rates in the range in areas where high stress conditions are anticipated.

<u>SEED</u>	<u>DOSAGE</u>
* Alfalfa, Clover, Lespedeza, Trefoil.....	5 to 8 1/4 fl. oz./100 lb.
Beans (Snap, dry, cowpeas)*.....	2 to 3 fl. oz./100 lb.
Beets (Garden).....	8 to 12 fl. oz./100 lb.
Cereal Grains (For seed and seedling rots - will not control bunt smut)	
- Barley, Rye.....	2 to 3 fl. oz./100 lb.
- Oats.....	2 to 4 fl. oz./100 lb.
- Wheat.....	1 1/2 to 4 fl. oz./100 lb.
Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower).....	1 to 2 fl. oz./100 lb.
✓ Corn - Field.....	1 1/4 to 2 3/8 fl. oz./100 lb.
Sweet.....	2 to 4 fl. oz./100 lb.
- Cotton - Acid Delinted.....	2 1/2 to 5 fl. oz./100 lb.
Reginned.....	3 1/2 to 7 fl. oz./100 lb.
Fuzzy.....	3 1/2 to 7 fl. oz./100 lb.
Cucumber, Cantaloupe.....	2 1/2 to 3 fl. oz./100 lb.
Crucifers (Mustard, Radish, Rape, Turnips).....	1 to 2 fl. oz./100 lb.
Flax.....	2 to 3 3/4 fl. oz./100 lb.
Grasses.....	5 to 8 1/4 fl. oz./100 lb.
Wilo.....	4 to 6 fl. oz./100 lb.
Onions (Pelleting).....	1 1/2 pt./lb.
Peanuts.....	6 fl. oz./100 lb.
Peas, Lentils.....	2 1/2 fl. oz./100 lb.
Peppers (California Wonder).....	2 to 3 fl. oz./100 lb.
*Sorghum (Hulled) - For Kernel Smut.....	1 3/4 to 4 1/2 fl. oz./100 lb.
Soybeans.....	1 1/2 to 2 1/2 fl. oz./100 lb.
Spinach.....	4 to 6 fl. oz./100 lb.
Squash, Pumpkin, Watermelon, Muskmelon.....	1 1/2 to 2 fl. oz./100 lb.
Sugar Beets - West.....	6 fl. oz./100 lb.
East.....	12 fl. oz./100 lb.
*Sunflowers.....	2 to 4 fl. oz./100 lb.
Swiss Chard.....	10 to 12 fl. oz./100 lb.

Gladiola Bulbs - Prevention of bulb rot - use 2 1/4 fl. oz. in 1 gal. water (1 1/2 pts. to 100 gals.). Soak bulbs in mixture 20 to 30 minutes.

\*Do not use on lima beans

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Further specific information of the subject of seed treatment may be obtained from State Agricultural Experimental Stations or the State Agricultural Extension Service.

**NOTICE - READ CAREFULLY**

**NOTICE TO BUYER AND USER:** Seller warrants that this product conforms to the chemical description on the label and is

reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller, and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.