



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

EPA Reg.  
Number:  
51036-  
187

Date of Issuance:  
JUL 21 1984

NOTICE OF PESTICIDE:  
☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Mepiquat Chloride,  
99%

Name and Address of Registrant (include ZIP Code):

Micro Flo Company  
P.O. Box 5948  
Lakeland, FL 33807-5948

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 listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 51036-187".

b. After the heading PRECAUTIONARY STATEMENTS add the heading:

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

c. The Statements of Practical Treatment section should appear before or after the Precautionary Statements section.

Signature of Approving Official:

/s/

Date:

- d. The Hazards to Humans section must read as follows:

May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid breathing dust or spray mist. Avoid contact with skin or clothing.

- e. The following Statements of Practical Treatment must read:

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash with plenty of soap and water. Get medical attention.

- f. The proposed "If inhaled:" statement on the label is acceptable.

- g. The "If in eyes:" statement is not required because the eye irritation study was in toxicity category IV.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

cc: Kathy Davis, SRRD, *attach copy of label*

Jacket 3 4 4

# MEPIQUAT CHLORIDE, 99%

For Manufacturing Use Only

## Active ingredient

Mepiquat Chloride: N,N-dimethylpiperidinium chloride ..... 99.0%  
Inert ingredients ..... 1.0%  
Total ..... 100.0%

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

MAR 21 1994

EPA Reg. No. 51036-187

EPA Est. No. 66106-NC-001

Under the Federal Insecticide  
Fungicide, and Rodenticide Act  
Registered, for the pesticide  
Classified under EPA Reg. No.

51036-187

**KEEP OUT OF REACH OF CHILDREN.**

## WARNING

*AVISO*

*add Spanish  
equivalent*

### PRECAUTIONARY STATEMENTS

*Assume to them*  
May be fatal if swallowed. *WARNING* Do not breathe dust or spray mist. Do not get in eyes, on skin or clothing.

### PRACTICAL TREATMENT:

If swallowed: Contact a physician or poison control center. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash affected areas with soap and water. Remove contaminated clothing and launder before reuse. If irritation develops, get medical attention.

If in eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation develops.

If inhaled: Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

### ENVIRONMENTAL HAZARDS:

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or regional office of EPA.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

Produced For  
Micro Flo Company  
P. O. Box 5948  
Lakeland, FL 33807-5948

Net Contents \_\_\_\_\_

Under the Federal Insecticide  
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51036-187

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April 19, 1994

## **DIRECTIONS FOR USE:**

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

Only For Formulation Into A Plant Growth Regulator For (1) Use On Cotton; (2) Uses For Which The U.S. EPA Has Accepted The Required Data And/Or Citations Of Data That The Formulator Has Submitted In Support Of Registration; and (3) Uses For Experimental Purposes That Are In Compliance With U.S. EPA Requirements. Each formulator using this product to formulate an end use pesticide product is responsible for obtaining an EPA registration for his end use product.

## **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store in original container only, in a cool, dry locked area. Store separately from other pesticides, fertilizers, food or feed to prevent contamination. In case of a spill or broken container, call CHEMTREC at 800-424-9300.

**PESTICIDE 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:** Completely empty plastic liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into equipment. Then dispose of liner in sanitary landfill or by incineration if allowed by state and local authorities. Triple rinse (or equivalent) metal drum. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### **IN CASE OF EMERGENCY:**

In case of large-scale spillage regarding this product, call CHEMTREC at 800-424-9300.

In case of medical emergency regarding this product, call your local doctor for immediate treatment. or your local poison control center (hospital).

### **CONDITIONS OF SALE AND WARRANTY:**

MICRO FLO warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Directions for Use when it is used in accordance with such directions. MICRO FLO NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS, OR CAUTIONS. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. MICRO FLO and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of sale and warranty.