



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

1448-358

Date of Issuance:

MAY 21 2002

Term of Issuance: Conditional

Name of Pesticide Product:

MTC-10-CT

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Buckman Laboratories, Inc.  
1256 N. McLean Blvd.  
Memphis, TN 38108

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 the 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.

Based on your response to the Reregistration Eligibility Document for Methylene bis (thiocyanate) RED, EPA has reregistered the above name product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

1. Make the following label changes:

- a. Revise the EPA Registration Number to read "EPA Reg. No. 1448-358".
- b. The word "PELIGRO" must be added to the label, following the signal word. The word "POISON" must also be placed immediately below the signal word Danger along with the Skull And Crossbones symbol.

Signature of Approving Official:

Marshall Swindell, PM 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510W)

Date:

MAY 21 2002

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c. The heading "Statement of Practical Treatment" must be changed to "First Aid" and the statements must be revised as follows:

IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor.

IF ON SKIN:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment.

IF INHALED:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment.

As per PR Notice 2001-1, the following hotline information should be added to the label:

"Have the product container or label with you when calling a poison control center or doctor or going for treatment".

d. Revise the "Precautionary Statements" that appear under the subheading "Hazards to Humans and Domestic Animals" to read:

"Fatal if swallowed or absorbed through skin or inhaled. Corrosive. Causes irreversible eye damage or skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash before reuse".

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e. As per the acute toxicity review, the following text must be added to the Note to Physician statement currently on the label:

“This product may pose an aspiration pneumonia hazard”.

f. In the Storage and Disposal section, change the subheading “Prohibitions” to “Pesticide Storage” and include the word “water” to the statement “Do not contaminate food or feed by storage, disposal, or cleaning of equipment”.

g. Include the statement “Do not apply this product in a way that will contact workers or other persons” to fall directly below the storage and disposal section.

h. As per the acute toxicity review dated 2/27/01, the PPE for the occupational use product must be revised to read as follows:

“Personal Protective Equipment (PPE)

Applicators and all other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Socks and chemical resistant footwear
- Goggles or face shield
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton, and
- Respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter.

In addition to the PPE listed above, mixers, loaders and cleaners of equipment must also wear chemical-resistant apron.”

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- i. As per the RED, the following Environmental Hazards statement must be added to the label:

“Do not discharge effluent containing these products into lakes, streams, ponds, oceans, or public waters unless these products are specifically identified and addressed in a NPDES permit. Do not discharge effluent containing these products to sewer systems without previously notifying the sewage authority. For guidance contact your State Water Board or Regional Office U.S. Environmental Protection Agency”.

- j. As per the RED (Page 52), liquid products applied to cooling water systems of greater than or equal to 4000 gallons must contain the following text:

“Do not apply by open pouring of liquid to cooling water systems; a metering pump delivery system is required for this use and application.”

- k. As per the RED (Page 53), the following User Safety Requirements text must be added to the label:

“Follow manufacturer’s instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.”

- l. As per the RED (Page 53), the following User Safety Requirements text must be added to the label:

“User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should 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.”

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m. As per the RED, the following statement must be added to the label:

“Do not apply this product in a way that will contact workers or other persons.”

n. As per the product chemistry review for the source product, the following footnotes should be added to the label below the ingredient statement:

“This product contains methylene bis (thiocyanate) at 0.90 pounds active ingredient per gallon.”

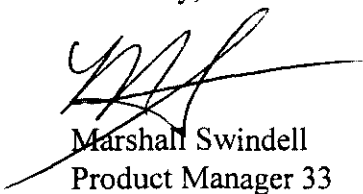
“Contains petroleum distillate.”

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.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

# MTC-10-CT

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Danger:** Corrosive. Causes eye and skin damage. This product is a potential skin sensitizer. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed.

**STATEMENT OF PRACTICAL TREATMENT:** If product gets in eyes, flush with plenty of water for at least 15 minutes. Call a physician. In case of skin contact, wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse. If product is swallowed, call a physician or Poison Control Center. **DO NOT INDUCE VOMITING.** Rinse mouth with copious amounts of water or milk, and then give 1 or 2 glasses of water to drink. Avoid alcohol.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution 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 local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS:** Do not use or store near heat or open flame.

## STORAGE AND DISPOSAL

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

**STORAGE:** Do not use or store near heat or open flame. Do not stack more than four drums high. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

**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 your EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. 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.

**COOLING TOWER SYSTEMS:** For control of bacterial and fungal slime in commercial and industrial recirculating cooling water systems, add MTC 10-CT to the cooling tower basin or cold water sump at dosages of 5.5 to 6.8 fl oz per 1000 gallons of water in the system (40 to 50 ppm MTC 10-CT, based on the weight of water in the system). Repeat initial dosage until control is evident. Then treat the system with 0.7 to 3.4 fl oz of MTC 10-CT per 1000 gallons of water (5 to 25 ppm MTC 10-CT) every 2 to 5 days, or as needed. If the system is badly fouled, it should be

## ACTIVE INGREDIENTS:

Methylene bis(thiocyanate) ..... 10.0 %

INERT INGREDIENTS: ..... 90.0 %

cleaned to remove old deposits before treatment with MTC 10-CT is begun.

**RETORT SYSTEMS AND PASTEURIZERS:** For control of bacterial and fungal slime in retort and pasteurizer process water, MTC 10-CT is added to the first section of the pasteurizer. For best results, a heavily contaminated system should be cleaned to remove old deposits prior to treatment with MTC 10-CT. The initial dose should be 4.0 to 8.0 fl oz of MTC 10-CT per 1000 gal of water in the system. To maintain control add 2.0 to 4.0 fl oz per 1000 gal of water. Addition of MTC 10-CT may be made continuously or intermittently, as required to control growth.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAY 21 2002

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

1448-358

**HMIS/NPCA RATING**  
Health 3 Flammability 2 Reactivity 1

Product Weight: 8.5 lbs./gal. 1.02 kg/l  
NET CONTENTS MARKED ON CONTAINER

EPA Reg. No. 1448-358

Manufactured By EPA Est. No. 1448-TN-1, 1448-MO-1  
**BUCKMAN LABORATORIES, INC.**  
1256 N. McLEAN BLVD., MEMPHIS, TN 38108 USA  
(901) 278-0330 or 1-800-BUCKMAN

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