

1448-358

11/15/2012

1/4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

NOV 15 2012

Ms. Crystal W. Brown  
Regulatory Specialist for,  
Buckman Laboratories, Inc.  
1256 North McLean Blvd.  
Memphis, TN 38108-1241

Subject: MCT-10-CT  
EPA Registration Number 1448-358  
Your Amendment Dated August 14, 2012  
EPA Received Date August 17, 2012

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to add the missing Poison Skull and Corssbones symbol to the product labeling, is acceptable.

A stamped copy of the labeling is enclosed.

Submit three copies of your final printed labeling to the Agency before distributing or selling the product bearing the revised labeling.

If you have questions concerning this letter, please contact Karen M. Leavy at (703)-308-6237.

Sincerely,

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division(7510P)

# MTC-10-CT

2/4

## Buckman

**ACTIVE INGREDIENT(S)**

Methylene bis(thiocyanate).....

**INERT INGREDIENTS**.....

**TOTAL**.....

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

NOV 15 2012

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 148-358

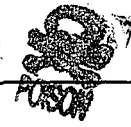
10.0%  
90.0%  
100.0%

This product contains methylene bis(thiocyanate) at 0.90 pounds active ingredient per gallon. Contains petroleum distillate.

**KEEP OUT OF REACH OF CHILDREN**



# DANGER PELIGRO



### FIRST AID

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 eye. - Call a poison control center or doctor for further treatment advice.
If on Skin, Clothes	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If Swallowed	- Call 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 do so by the poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If Inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.

### HOT LINE NUMBER

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-767-2722 for emergency medical treatment information.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed. This product may pose an aspiration pneumonia hazard.

## Precautionary Statements

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**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 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.

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.

**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.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. For terrestrial uses, do not apply directly to water, or areas where surface water is present or to intertidal areas below the mean highwater mark. Do not discharge effluent containing this product into lakes, streams, ponds, 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 sewage authority. For guidance, contact your State Water Board or Regional Office U.S. Environmental Protection Agency.

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

# MTC-10-CT

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## Directions for Use

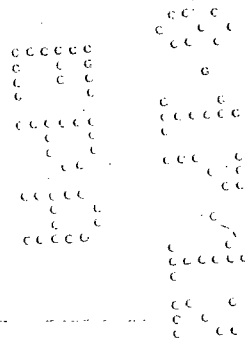
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**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 cleaned to remove old deposits before treatment with MTC-10-CT is begun. In systems of greater than or equal to 4000 gallons, do not apply by open pouring of MTC-10-CT to cooling tower systems. A metering pump delivery system is required for this use and application.

**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:

NOV 15 2007  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1448-358



# MTC-10-CT

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## Storage and Disposal

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

**PESTICIDE 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:

(Text for all nonrefillable containers)

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

{Liquid residue removal statement for nonrefillable containers with capacity of 5 gals or less}

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for the later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

{Liquid residue removal statement for nonrefillable containers with capacity of >5 gals}

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

(Text for all nonrefillable containers)

Then offer for recycling if available or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

{Text for refillable containers}

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

For containers larger than 55 gallons:

To clean the container prior to refilling or disposal, use a pressure wash as follows: Empty the remaining contents into application equipment or a mix tank. Use a pressure wash system that rinses all interior sides with water and that is rated at >40 psi and >120F. Pressure wash the container for a length of time that ensures that a minimum 25% of the container volume of water is used. During the pressure wash, ensure that the container valve is left open for continuous draining. Collect the rinsate and empty into application equipment or a mix tank or store rinsate for later use or disposal. Allow container to drain for 10 minutes after pressure wash is completed.

For containers 55 gallons and smaller:

To clean the container prior to refilling or disposal, use a triple rinse wash as follows: Empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously. Pour or pump rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this rinsing procedure two more times.

Do not discharge rinsate containing this product 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 rinsate containing this product to sewer systems without prior approval from the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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

Batch code: \_\_\_\_\_

**Manufactured by** Buckman Laboratories, Inc.

1256 North McLean Blvd., Memphis, Tennessee 38108, USA  
(901) 278-0330 or 1-800-282-5626

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-358

Product Weight 8.5 lbs/gal 1.02 kg/l

Net contents are marked on the container.

### HMIS / NPCA Ratings

Health 3 Flammability 2 Reactivity 1

Last Revision

3/2/2011