

FM 35 10445-60 10445-60
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 26 1996

Calgon Corporation
P.O. Box 1346
Pittsburgh, PA 15230

Attention: Stanley C. Oslosky
Manager, Product Regulations

Subject: Metasol T-10 WBM
EPA Registration Number 10445-60
Your Amendment Dated November 27, 1995

This is in response to your amendment to reflect product name change from "Metasol T-10 WB" to "Metasol T-10 WBM" and include additional uses on your label.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable provided that you make the following revision before you release the product for shipment bearing the amended labeling.

1. Place the signal word "DANGER" beneath "Keep Out of Reach of Children."
2. Under the "Statement of Practical Treatment" revise "Eyes" to read "If in Eyes", "Skin" to read "If on Skin", "Internal" to read "If Swallowed" and "Inhalation" to read "If Inhaled".

A stamped copy is enclosed for your records. Submit one copy of the final printed label before you release the product for shipment bearing the amended label.

The proposed product name change has been made a part of our record.

If you have any questions concerning this letter, please contact me at (703) 305-7964.

Sincerely,

Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

SYMBOL							
REMARK							
DATE							

Metasol T-10WBM

A WATER-BASED FORMULATION TO INHIBIT AND CONTROL THE
GROWTH OF MICROORGANISMS IN PULP AND PAPER MILLS,
ADHESIVES, EMULSIONS, METAL WORKING FLUIDS, MINERAL
SLURRIES, DISPERSIONS AND INDUSTRIAL RECIRCULATING
COOLING WATER TOWERS

Active Ingredients:

Methylene Bisthiocyanate	10.0%
Inert Ingredients	90.0%
Total	100.0%

8.5 Lbs. per gallon

DANGER
KEEP OUT OF REACH OF CHILDREN

EPA Registration No. 10445-60

EPA Establishment No. 10445-PA-01

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 6 1982

Use as a contact Insecticide,
Fumigant, and Rodenticide. Act as
a contact Insecticide,
Fumigant and Rodenticide. No.

NET WEIGHT LBS KGS

10445-60

CALGON CORPORATION
CALGON CENTER - PITTSBURGH, PA 15230

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER!

CAUSES EYE BURNS AND SKIN IRRITATION

HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN.

Do not get in eyes, on skin, or on clothing.

Do not breathe vapors.

Use with adequate ventilation.

Wear goggles or face shield and rubber gloves when handling.

Wash thoroughly after handling.

Immediately remove and wash contaminated clothing before reuse.

PRACTICAL STATEMENTS OF TREATMENT:

EYES: In case of contact, flush with plenty of water for at least 15 minutes. Get medical attention immediately.

SKIN: In case of contact, flush with plenty of soap and water. Get medical attention immediately.

INTERNAL: 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 or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

INHALATION: Immediately remove affected person from contaminated area to fresh air. Immediately contact physician.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

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

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.

Metal Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

Plastic Containers - 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.

NOTICE TO USER: Please accept all risks involved in handling this hazardous material. Use only with the directions herein. Do not use in conjunction with heat or other fire-producing materials.

For information on protecting humans and the environment, please refer to the Material Safety Data Sheet for this product. For a free and informative report on the toxicity, carcinogenicity and environmental exposure, call (1-214) 800-0000 and ask for the Health and Environmental Affairs Department.

DIRECTIONS FOR USE

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

Slime Control

Dosage - Add Metasol T-10WBM to the paper mill white water or stock system at 1.09 - 10.9 fluid oz./1000 gallon treated water (0.075 to 0.75 lb. Metasol T-10WBM/1000 gallon of treated water is equivalent to 0.0001 lb. to 0.0001 lb./ton of finished paper).

Under conditions of extensive recirculation of white water, high levels of fillers in the furnish, and/or generally severe levels of potential slime-forming bacteria and fungi, dosages approaching 10.9 fluid oz.

Metasol T-10WBM 1000 gallon of treated water can be used.

Method of Addition - Metasol T-10WBM should be added from the drum by means of proportioning pumps directly to a location that will ensure uniform distribution in the mass of fiber and water, such as beaters, Jordan inlet, broke chests, furnish chests, save-alls, and white water tanks. The addition can be made either on a continuous or intermittent basis and scheduled by an automatic timer to facilitate handling and ensure accurate dosing. Under most operating conditions intermittent feed of several hours each shift is recommended. Under severe conditions of slime, continuous feed is recommended.

Adhesives, Emulsions

Metasol T-10WBM should be incorporated into the mixture at rates of 0.2 to 2.0 lbs. (2.9 to 29.5 oz.) per 1,000 lbs. of total formula weight. Moderate agitation should accompany the addition of Metasol T-10WBM. Adding Metasol T-10WBM after steps involving extremes of temperature of pH, and adding Metasol T-10WBM with make-up water are good manufacturing practices.

Metal Working Fluids

Should be added or metered into the final diluted fluid, either prior to its addition to the system or after the system has been filled. Metasol T-10WBM should be thoroughly mixed into the system to assure efficacy. Usage at a rate of 0.5 to 5.0 lbs. product (7.4 to 73.7 oz.) per 1,000 lbs. of diluted fluid will usually be effective. However, laboratory testing to determine the exact dose is recommended.

Mineral Slurry Preservation

For mineral slurry preservation (kaolin, calcium carbonate, titanium dioxide and other minerals in aqueous dispersion or slurry form) laboratory evaluations have shown Metasol T-10WBM at use levels of 0.002 - 0.2% (based on total weight of the formulation) to be effective in limiting microbiological growth and thus helping to maintain product functionality and extending the storage life of the treated material.

For mineral slurry preservation applications additions should be made to a location that will insure adequate mixing and distribution of the Metasol T-10WBM throughout the slurry to be treated. Metasol T-10WBM should be applied via a positive displacement proportioning pump directly to the vessel to be treated so that the recommended dose rate is achieved and mixing continues for at least 15 minutes after biocide addition has ceased.

Industrial Recirculating Cooling Water Towers

Badly fouled systems should be cleaned before initiating treatment. Slug feed as received, do not mix with other chemicals. Do not overfeed. Treatment should be applied at cooling tower sump, suction side of recirculating pump, or any other point that assures good mixing with system water. Slug feeding should be timed so the entire dose is applied within a one-hour period.

Recommended dosages allow for normal water loss due to evaporation, drift and system blowdown and afford adequate contact time with organisms. Your Calgon representative will provide technical assistance in determining optimum dosages in relation to specific plant conditions or problems.

Initial Dosage - If system is noticeably fouled, slug feed 5.1 to 10.2 fluid ounces per 1000 gallons of water in the system (10 to 80 ppm). Repeat until control is achieved.

Subsequent Dosage - After bacterial control is achieved, feed 1.9 to 3.8 fluid ounces per 1000 gallons of water in the system (15 to 30 ppm). Apply treatment two to three times per week, or as needed to maintain control.