

# MICROBIOTREAT® 6259

EPA Reg. No. 4643-  
EPA Est. No. 4643-IL-1  
Net Weights: 465 lbs (55 gal drum)  
44 lbs ( 5 gal pail)

**STORAGE AND DISPOSAL:** This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water, food or feed by storage or disposal. Do not reuse empty drum. Triple rinse or equivalent. Add rinsate to using system. Then offer drum for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTROLS ALGAE, BACTERIA AND FUNGI IN INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS; PROTECTS COOLING TOWER WOOD AGAINST SURFACE AND DRY ROT; CONTROLS BACTERIAL AND FUNGAL GROWTH IN PULP AND PAPER MILLS; CONTROLS BACTERIA AND FUNGI IN CRUDE AND REFINED OILS AND CUTTING FLUIDS

Active Ingredients:  
2-(Thiocyanomethylthio)benzothiazole .....30.0%  
Inert Ingredients .....70.0%

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and wildlife. Do not discharge treated effluent into lakes, streams, ponds, or public waters unless in accordance with NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

**DIRECTIONS FOR USE**  
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH THE LABELING.

**COOLING TOWERS:** MB-6259 is used to protect cooling tower wood against soft or surface rot and internal or dry rot. It is applied by spraying or painting a dilution containing 0.8 to 0.7% MB-6259 in water onto the clean wood surfaces. The amount applied should provide 0.8 to 0.8 lb MB-6259 per 1000 sq ft of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of MB-6259 in the recirculating cooling water at the tower basin or cold well. The dosage should provide 1.25 lb of MB-6259 per 1000 gal of water and the bleedoff should be stopped for 4 to 6 hr after treatment. The shock treatment should be repeated every four months.

**COOLING WATER:** MB-6259 is used to control algae, bacteria, and fungi in industrial recirculating cooling water systems. Before treatment is begun, the system should be cleaned thoroughly to remove old algal growth, microbiological slimes, and other deposits. The system should then be drained, flushed, refilled with water, and treated with an initial dose of 0.8 to 3.7 lb of MB-6259 per 1000 gal water in the system. Subsequent additions of 0.2 to 1.2 lb per 1000 gal should be made every 1 to 6 days, depending on amount of bleedoff and severity of microbiological fouling.

**PULP MILLS:** To protect wood chips from fungal degradation during storage, MB-6259 is used at 0.8 to 2 lb/ton of oven-dry wood. It can be applied through a water shower or spray located in the pneumatic conveyor carrying chips from the chopper to the storage pile. For preservation of wet log or chippings, MB-6259 is used at 0.5 to 4 lb/ton of oven-dry fiber. It is applied to the surfaces of the dehydrated pulp by means of sprays or applicator rolls.

**PAPER MILLS:** To control bacterial and fungal growth on paper and paperboard machines, MB-6259 is added to the white water or wash of 0.1 to 0.5 lb/ton of dry paper or paperboard produced. To make mold-resistant paper or paperboard, MB-6259 is used at 0.5 to 2 lb/ton of dry paper or paperboard per side treated. For coated paper or board, MB-6259 is incorporated in the coating mix prior to application of the coating. For uncoated paper or board, MB-6259 is dispersed in water, surface-tinge solution, or other solvent and applied to the surface to be protected by means of an applicator roll. For the preservation of agricultural mulch paper, MB-6259 is used at 1.5 to 5 lb/ton of dry paper. It is applied to the surfaces of the mulch paper by sub-feeding methods or by means of sprays or applicator rolls before the paper is coated.

**CRUDE AND REFINED OILS:** MB-6259 is an oil-soluble preservative for the control of bacteria and fungi that cause the degradation of crude and refined fuel oils during storage. It should be added to the oil as it is being transferred from the shipping container to the storage tank at the rate of 0.8 to 8.0 lb of MB-6259 per 1000 gal of oil. Addition should be made batchwise where mixing occurs or continuously to the suction side of the transfer pump.

**CUTTING FLUIDS:** MB-6259 is used to inhibit bacterial and fungal degradation of water based and water soluble or emulsifiable cutting fluids and coolants used in metalworking operations. It should be added to the cutting fluid at a rate that will provide 2.5 to 250 parts per million MB-6259 (weight/weight) after final dilution with water. MB-6259 can be added after the dilution or can be added to the concentrate before dilution at a rate of 125 to 1250 parts per million in order to provide the required concentration in the diluted fluid.

**KEEP OUT OF REACH OF CHILDREN DANGER:**

**PRECAUTIONARY STATEMENTS**  
Hazards to Humans and Domestic Animals  
**DANGER:** Causes irreversible eye damage. Causes skin irritation. This product may cause allergic skin reactions. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**STATEMENT OF PRACTICAL TREATMENT FIRST AID**

**IF IN EYES:** Flush with plenty of water. Get medical attention.  
**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.  
**IF SWALLOWED:** Drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

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

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

ACCEPTED with COMMENTS in EPA Letter Dated: 3/84

MAY 07 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4643-4/5

**DEARBORN CHEMICAL COMPANY**  
Subsidiary of W.R. GRACE & CO.

300 GENESEE STREET • LAKE ZURICH ILLINOIS 60047 • TELEPHONE 312/527-5700

BEST DOCUMENT AVAILABLE

REDUCED 26%

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (WH-567)  
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

07 MAY 1984

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

NOTICE OF PESTICIDE:  REGISTRATION  
 REREГИSTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

[Faint, illegible text in the registrant name and address field]

**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 registered in accordance with the FIFRA Act, 7 U.S.C. 136(a)(1), and the registration of this product is hereby renewed for a period of one year from the date of this notice. (Only the label on file with the Registration Division is valid for use.)

The label on file with the Registration Division is hereby approved for use. (Only the label on file with the Registration Division is valid for use.)

The label on file with the Registration Division is hereby approved for use. (Only the label on file with the Registration Division is valid for use.)

The label on file with the Registration Division is hereby approved for use. (Only the label on file with the Registration Division is valid for use.)

The label on file with the Registration Division is hereby approved for use. (Only the label on file with the Registration Division is valid for use.)

*[Handwritten signature]*  
[Faint typed text]

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE