

1448-202

03-18-2004

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 18 2004

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

Attention: Crystal W. Brown
Regulatory Affairs Specialist

Subject: D-50-1
EPA Registration No. 1448-202
Amendment Dated January 23, 2004

The labeling, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

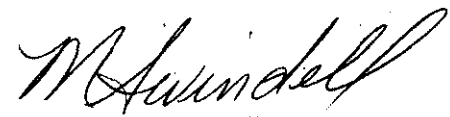
- To amend the First Aid statement
- To amend the Precautionary Statements section
- To move product name to the front panel

General Comments

A stamped copy of the accepted labeling 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
Antimicrobials Division (7510C)

Enclosure

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

AL D-50-1

ACTIVE INGREDIENT(S)

Potassium dimethyldithiocarbamate.....	50.0%
INERT INGREDIENTS.....	50.0%
TOTAL.....	100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

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.
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 901-278-0330 or 1-800-BUCKMAN for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate gastric lavage.

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes eye and skin damage. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Avoid contamination of food. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not discharge effluent containing this product into streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Ant 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.

Directions for Use

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

COOLING WATER SYSTEMS: D-50-1 is used in industrial and/or commercial recirculating cooling tower systems and industrial air washing systems to control microbiological slime. Prior to the use of D-50-1 in industrial and/or commercial recirculating cooling tower systems, systems should be cleaned to remove algal growth, microbiological slime, and other deposits. Then make an initial slug addition of 2.0 to 3.0 fl. oz. of D-50-1 per 1000 gallons of water to provide 20 - 30 ppm of D-50-1, based on total weight of water in the system. Repeat initial dose until control is evident. Make subsequent slug addition of 1.0 to 3.0 fl. oz. of D-50-1 per 1000 gal. of water (10-30 ppm of D-50-1) every 2 to 5 days or as needed. The frequency of treatment depends upon the severity of the microbiological problem. Slug additions should be made in the sump of recirculating cooling tower systems.

INDUSTRIAL AIR WASHER SYSTEMS: D-50-1 is used in industrial air washing systems which maintain effective mist-eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 4.7 to 6.0 fl. oz. of D-50-1 per 1000 gal. of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 3.5 to 6.0 fl. oz. of D-50-1 per 1000 gallons of water should be employed every 1 to 5 days, or as needed. The frequency of addition depends on upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or the water collection trays of the airwash system.

PETROLEUM SECONDARY-RECOVERY WATERFLOODING OPERATIONS: D-50-1 is used to control sulfate-reducing bacteria in petroleum secondary-recovery waterflooding operations. In systems fouled with microbiological deposits, D-50-1 should be added as a slug dose to provide a concentration of 8 to 16 ppm (0.83 to 1.66 fl. oz. of D-50-1 per 1000 gallons of water treated). This should be followed by a continuous addition of D-50-1 employing a chemical metering pump to maintain a concentration of 8 ppm, based on the total weight of water treated. Both slug additions and continuous addition of D-50-1 should be made at the heater-treater pump, gathering lines, or receiving tanks. Additions should always be made upstream of the filter. D-50-1 is also used to inhibit the growth of fungi and bacteria in water-based drilling muds, completion fluids, packer fluids, and other water-based drilling fluids containing starch, gums, sugars, or other organic materials. For these purposes, D-50-1 is added at rates of 2.5 to 4.2 gallons per 100 barrels of fluid (0.6 to 0.1% by volume).

ACCEPTED

MAR 18 2004

Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. 1448-202