



<b>ACTIVE INGREDIENT(S)</b>	
Potassium dimethyldithiocarbamate.....	50.0%
<b>INERT INGREDIENTS.....</b>	<b>50.0%</b>
<b>TOTAL.....</b>	<b>100.0%</b>

KEEP OUT OF REACH OF CHILDREN  
DANGER

FIRST AID	
If in Eyes	- Hold eyes 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 for treatment advice.
If Ingested	- 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.

**ENVIRONMENTAL HAZARDS:** This pesticide 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.

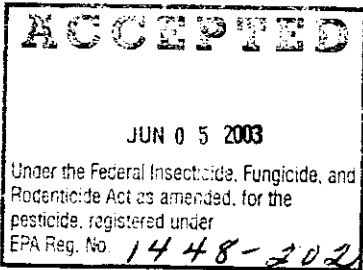
Directions for Use

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 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 washer 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 dump, 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).



D-50-1

1448-202

6-5-2003

Storage and Disposal	
Do not contaminate water, food or feed by storage or disposal. <b>PESTICIDE STORAGE:</b> Do not expose to extreme temperatures. Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spill should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use. <b>PESTICIDE DISPOSAL:</b> 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. <b>CONTAINER DISPOSAL:</b> <b>PLASTIC:</b> 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. <b>METAL:</b> Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.	
<b>Buckman Laboratories, Inc.</b> 1256 North McLean Blvd., Memphis, Tennessee 38108, USA (901) 278-0330 or 1-800-BUCKMAN	
EPA Est. No.	1448-TN-1
EPA Reg. No.	1448-202
Product Weight	10.4 lbs./gal. 1.23kg/l
Net contents are marked on the container.	
<b>HMS / NPCA Ratings</b>	
Health 3	Flammability 1
Reactivity 1	Last Revision 3/27/2003