

# DEARCIDE® 701

## OXIDIZING MICROBICIDE

**BACTERIOSTAT AND ALGICIDE FOR THE CONTROL OF THE GROWTH OF MICROORGANISMS  
(BACTERIA AND ALGAE) IN INDUSTRIAL AND COMMERCIAL RECIRCULATING COOLING TOWERS.**

U.S. DEPARTMENT OF AGRICULTURE  
OFFICE OF PEST CONTROL AND PLANT QUARANTINE  
WASHINGTON, D.C. 20250  
EPA REG. NO. 4643-18

|                                     |        |
|-------------------------------------|--------|
| ACTIVE INGREDIENTS:                 |        |
| POTASSIUM PEROXYMONOSULFATE.....    | 22.90% |
| POTASSIUM BISULFATE.....            | 9.35%  |
| INERT INGREDIENTS..... 67.75%       |        |
| NOTE: ACTIVE OXYGEN 2.25% BY WEIGHT |        |

BULK DENSITY - 87 POUNDS/CUBIC FOOT

**DIRECTIONS FOR USE:** INITIAL DOSE: WHEN MICROBIOLOGICAL SLIMES ARE EVIDENT, APPLY 24.8 TO 37.2 OUNCES AV. OF DEARCIDE® 701 PER 1000 GALLONS (200 PPM TO 300 PPM) OF WATER IN THE SYSTEM. REPEAT UNTIL CONTROL IS ACHIEVED. BADLY FOULED SYSTEMS SHOULD BE CLEANED BEFORE TREATMENT IS BEGUN. SUBSEQUENT DOSE: WHEN MICROBIOLOGICAL CONTROL IS EVIDENT, APPLY 12.4 TO 24.8 OUNCES AV. OF DEARCIDE® 701 PER 1000 GALLONS (100 PPM TO 200 PPM) OF WATER IN THE SYSTEM ONCE PER WEEK, OR AS NEEDED TO MAINTAIN CONTROL. FEEDING: DEARCIDE® 701 SHOULD BE FED AT FULL STRENGTH IN THE COOLING TOWER BASIN AT A POINT OF MAXIMUM WATER CIRCULATION. TOWER BLEEDOFF VALVES SHOULD BE CLOSED TO PERMIT A RETENTION TIME OF 4 HOURS.

### **WARNING: KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.**

MAY CAUSE EYE AND SKIN IRRITATION. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING. COULD BE HARMFUL IF SWALLOWED. AVOID CONTAMINATION OF FOOD. WATER TREATED WITH DEARCIDE® 701 SHOULD NOT BE USED FOR FOOD PROCESSING, IRRIGATION OR IN THE MANUFACTURE OF PAPER USED FOR FOOD PACKAGING. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THE LABEL. STORE IN A COOL, DRY PLACE.

DO NOT REUSE EMPTY DRUM. RINSE THOROUGHLY WITH WATER AND RETURN TO DRUM RECONDITIONER, OR DESTROY BY PERFORATING OR CRUSHING. DEARCIDE® 701 IS A STRONG OXIDIZING AGENT. KEEP THIS PRODUCT AWAY FROM HEAT OR OPEN FLAMES. DO NOT ALLOW IT TO COME INTO CONTACT WITH OIL, GREASE, SAWDUST, FLOOR SWEEPINGS, OR OTHER EASILY OXIDIZED ORGANIC COMPOUNDS. IT COULD CAUSE SUCH MATERIALS TO BURN. KEEP THIS PRODUCT AWAY FROM HEAT OR OPEN FLAMES.

TREATED EFFLUENT SHOULD NOT BE DISCHARGED WHERE IT WILL DRAIN INTO LAKES, STREAMS, PONDS, OR PUBLIC WATER. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

**FIRST AID:** IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. FOR EYES, CALL A PHYSICIAN. IF SWALLOWED, INDUCE VOMITING AND CALL A PHYSICIAN IMMEDIATELY.

EPA REG. NO. 4643-18

EPA Est. 4643-IL-1

NET WEIGHT - 350 lbs. net  
100 lbs. net

**DEARBOR**

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: ACTIVE OXYGEN 2.25% BY WEIGHT

BULK DENSITY - 87 POUNDS/CUBIC FOOT

**DOSE:** WHEN MICROBIOLOGICAL SLIMES ARE EVIDENT, APPLY 24.8 TO 37.2 OUNCES AV. OF DEARCIDE®  
(100 PPM TO 300 PPM) OF WATER IN THE SYSTEM. REPEAT UNTIL CONTROL IS ACHIEVED. BADLY FOULED SYS-  
TEMS REQUIRE PRE-TREATMENT IS BEGUN. **SUBSEQUENT DOSE:** WHEN MICROBIOLOGICAL CONTROL IS EVIDENT, APPLY 12.4  
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**FEEDING:** DEARCIDE® 701 SHOULD BE FED AT FULL STRENGTH IN THE COOLING TOWER BASIN AT A  
REGULAR INTERVAL. TOWER BLEEDOFF VALVES SHOULD BE CLOSED TO PERMIT A RETENTION TIME OF 4 HOURS.

### PREVENTION OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

PRECAUTION. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RUB-  
BER GLOVES. SHOULD BE HARMFUL IF SWALLOWED. AVOID CONTAMINATION OF FOOD. WATER TREATED WITH DEARCIDE®  
IS NOT SUITABLE FOR FOOD PROCESSING, IRRIGATION OR IN THE MANUFACTURE OF PAPER USED FOR FOOD PACKAGING. APPLY  
AS DIRECTED ON THE LABEL. STORE IN A COOL, DRY PLACE.

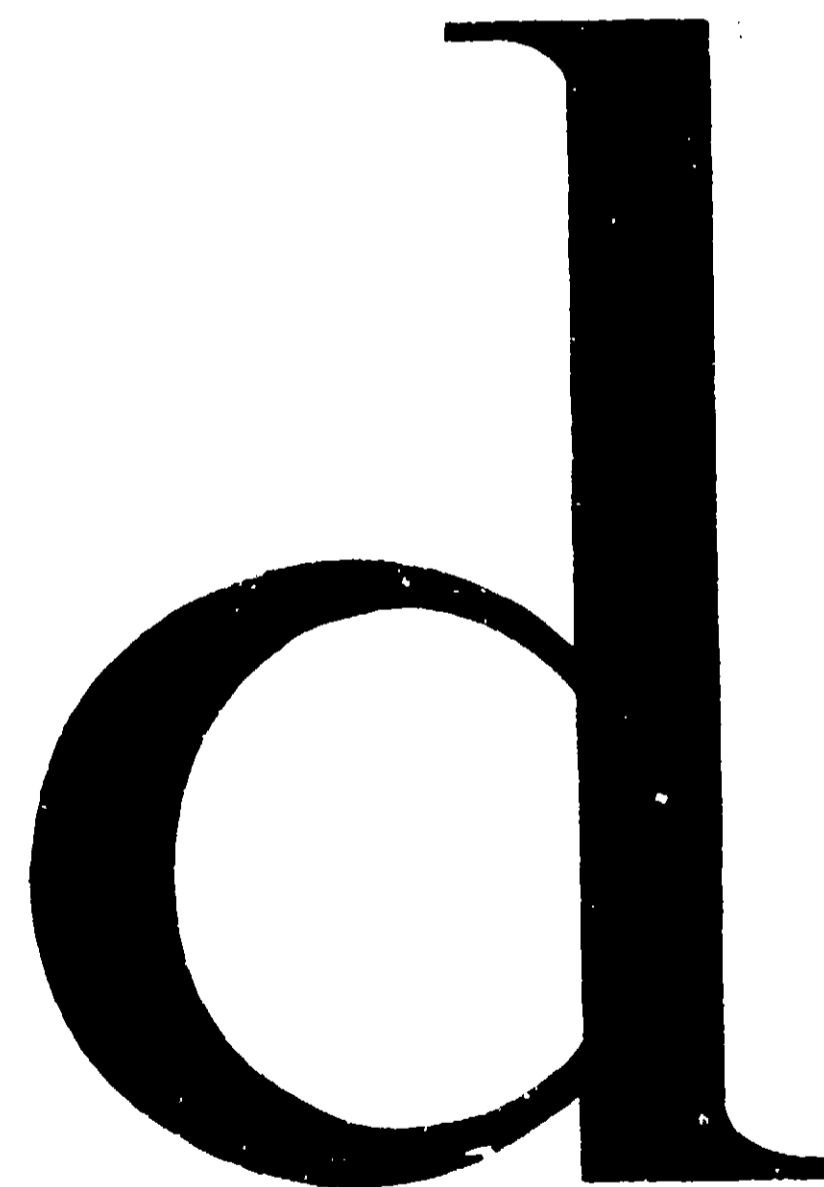
WASH THOROUGHLY WITH WATER AND RETURN TO DRUM RECONDITIONER, OR DESTROY BY PERFORATING OR  
BY BURSTING. A STRONG OXIDIZING AGENT. KEEP THIS PRODUCT AWAY FROM HEAT OR OPEN FLAMES. DO NOT ALLOW  
TO COME IN CONTACT WITH OIL, GREASE, SAWDUST, FLOOR SWEEPINGS, OR OTHER EASILY OXIDIZED ORGANIC COMPOUNDS. IT  
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IF SWALLOWED, INDUCE VOMITING AND CALL A PHYSICIAN IMMEDIATELY.

EPA Est. 4643-IL-1

NET WEIGHT - 350 lbs. net  
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**DEARBORN CHEMICAL DIVISION**

THE DEARBORN CORPORATION Lake Zurich, Ill. 60047