

Reg # 4643-51

PM-31

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DARACIDE® 2302

Controls bacteria and algae in industrial and/or commercial open recirculating cooling water towers. Controls bacteria and fungal slimes in pulp and paper mills.

Active Ingredient:N-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)

Dimethyl Benzyl Ammonium Chloride 12.50%

Inert Ingredient: 87.50%

EPA Registration No. 4643-51

EPA Est. No. 4643-IL-1

KEEP OUT OF REACH OF CHILDREN**DANGER****FOR INDUSTRIAL USE ONLY**

Precautionary Statements: HAZARDS TO HUMANS AND DOMESTIC ANIMALS. CORROSIVE. Causes eye and skin damage. May be absorbed through the skin. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment: IF SWALLOWED: Drink promptly large quantities of water. IF ON SKIN: Wash with plenty of soap and water. Remove and wash contaminated clothing before reuse. IF IN EYES: Flush with plenty of water for 15 minutes. Call a physician. NOTE TO PHYSICIAN: Probable mucosal damage may contra-indicate the use of gastric lavage.

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.

STORAGE AND DISPOSAL

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.

Container Disposal: Do not reuse empty container. 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.

DIRECTIONS FOR USE

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

NOTE: Add DARACIDE® 2302 separately to the system. To avoid any possible incompatibilities, do not mix it with other additives.

Industrial and/or Commercial Open Recirculating Cooling Water Towers: Slug/Intermittent Feeding: Initial Dose: When microbiological slimes are evident, apply 9.3 to 18.6 fl ozs of DARACIDE 2302 per 1000 gals (75 ppm to 150 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 6.2 to 12.4 fl ozs of DARACIDE 2302 per 1000 gals (50 ppm to 100 ppm) of water in the system once per week or as needed to maintain control.

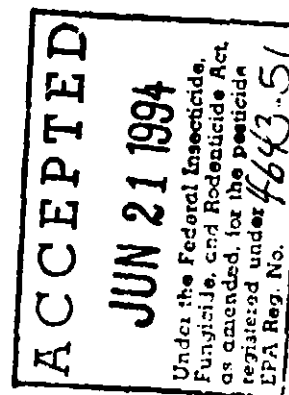
Application of Product: DARACIDE 2302 in the cooling tower basin at Tower bleedoff valves should hours.

Pulp and Paper Mills: DARACIDE 2302 per ton of stock, complexity of the system degree of contamination.

Application of Product: DARACIDE 2302 from the drum or fed by suitable proportioning type; variable reciprocating type. This product system at such points including system.

NOTICE: Seller warrants that this product is and is reasonably fit for the purpose and is reasonably fit for the purpose label directions under normal conditions assumes all risk for, any and all loss in any manner contrary to label directions. THE FOREGOING LIMITED WARRANTY LIEU OF ANY AND ALL OTHER WARRANTIES WITHOUT LIMITATION, THE IMPLIED WARRANTY OF FITNESS FOR SALE SHALL BE LIMITED TO THE PURCHASE PRICE. BUYER FOR ANY BREACH OF WARRANTY TO REPLACEMENT OF NONCONFORMING PRICE. IN NO EVENT SHALL SELLER BE LIABLE FOR CONSEQUENTIAL DAMAGES.

Net Contents: 5 gal p
55 gal d
184 gal
368 gal



KEEP P

GRACE Dearborn

BEST AVAILABLE COPY

W. R. Grace & Co. - Conn., 100 Genesee Street, Lake Zurich, IL 60047-2458 (708) 438-1800

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DARACIDE® 2302

Use in industrial and/or commercial open recirculating cooling towers to control bacteria and fungal slimes in pulp and paper mills.

(18) 12.50%
..... 87.50%

CHILDREN

TO HUMANS AND
may cause eye and skin damage. May
cause irritation, on skin or clothing.
Avoid contact with eyes when handling. Harmful
if swallowed. Avoid contact with
food. Avoid contact with
skin and water after

ALLOWED: Drink
Water: Wash with plenty of
water before reuse.
15 minutes. Call a physician.
Irritation may contra-indicate

Effluent containing this
product in oceans or other waters
is 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

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.

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Subsequent Dose: When microbiological control is evident, apply 6.2 to 12.4 fl ozs of DARACIDE 2302 per 1000 gals (50 ppm to 100 ppm) of water in the system once per week or as needed to maintain control.

Application of Product: DARACIDE 2302 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.

Pulp and Paper Mills: Dosage will vary from 4.8 to 9.6 fl oz of DARACIDE 2302 per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.

Application of Product: DARACIDE 2302 may be drip fed continuously from the drum or fed by suitable chemical pumps such as adjustable proportioning type; variable speed, positive displacement type; or reciprocating type. This product should be fed as early as possible in the system at such points including the hydropulper, machine chest or broke system.

NOTICE: Seller warrants that this product conforms to its chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the label directions under normal conditions. This warranty does not extend to, and Buyer assumes all risk for, any and all loss or damage resulting from the use of this product in any manner contrary to label directions or warnings.

THE FOREGOING LIMITED WARRANTY IS EXCLUSIVE AND IS GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. SELLER'S LIABILITY SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT. THE REMEDIES OF BUYER FOR ANY BREACH OF WARRANTY SHALL BE LIMITED, IN SELLER'S DISCRETION, TO REPLACEMENT OF NONCONFORMING PRODUCT OR REFUND OF PURCHASE PRICE. IN NO EVENT SHALL SELLER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Net Contents: 5 gal pail - 41 lbs
55 gal drum - 457 lbs
184 gal tote - 1,501 lbs
368 gal tote - 3,002 lbs

ACCEPTED
JUN 21 1994
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under #643-51 EPA Reg. No.

KEEP FROM FREEZING

Dearborn

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Dearborn, Conn., 100 Genesee Street, Lake Zurich, IL 60047-2458

(708) 438-1800



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DARACIDE 2302