

95ND141

Microorganism Control Chemical

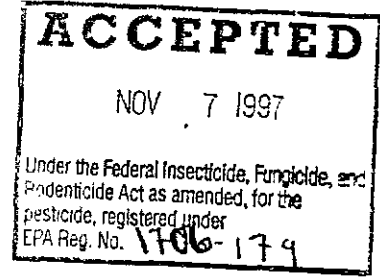
95ND141 is an effective agent for controlling algal, bacterial and fungal slime in condensing and cooling equipment in which recirculating water is used as the cooling media and in reservoirs or ponds which serve as the source of boiler feedwater or cooling water. 95ND141 can also be used to control bacterial, fungal and algal slime in decorative fountains, air washers, papermill influent water systems, and food, beverage, and industrial process pasteurizers

ACTIVE INGREDIENTS:

Sodium hypochlorite.....6.36%
Sodium bromide.....9.32%

INERT INGREDIENTS.....84.41%
Total.....100.00%

Total Available bromine = approximately 14%
(expressed as chlorine = approximately 6.4%)



**KEEP OUT OF REACH OF CHILDREN
DANGER**

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN: Immediately wash with soap and plenty of water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists.

IF SWALLOWED: Drink large quantities of water. Do not induce vomiting. Call a physician or poison control center immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE. CAUSES SEVERE EYE AND SKIN INJURY. HARMFUL IF INHALED. HARMFUL IF SWALLOWED. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

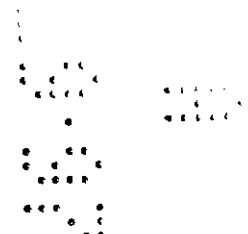
ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollution 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA. Apply this pesticide only as specified on the label.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.

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

METAL CONTAINERS: 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.

PLASTIC CONTAINERS: Do not reuse empty container. Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

COOLING PONDS, RESERVOIRS AND DECORATIVE FOUNTAINS

95ND141 may be applied at the reservoir, pond or fountain inlet or at a location that permits complete diffusion into the water at maximum retention time before reaching the outlet. Sufficient 95ND141 should be fed to maintain a total bromine level of 4.5-9.0 ppm in all parts of the reservoir or pond (two fluid ounces per 1000 gallons of water yields 2.2 ppm total bromine).

INDUSTRIAL & COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS

95ND141 should be applied directly to the cooling water at any section of the system where sufficient mixing will occur. 95ND141 should be applied to the cooling water to provide a total bromine level of 4.5-9.0 ppm. 95ND141 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 2.2 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 2.2 ppm throughout the system. The total bromine level should be checked with a test kit and additional product applied until a reading

of 4.5-9.0 ppm is obtained at the bleed-off point. Some systems may be maintained in satisfactory biological condition by applying this dosage once per day while others will respond better to dosages less than once per day.

INDUSTRIAL PASTEURIZERS

(Such as food, beverage, and industrial process pasteurizers)

For control of bacteria and fungi in industrial pasteurizers add 3.5-7.0 ounces of 95ND141 per 1000 gallons of system water to achieve control. To maintain control add sufficient 95ND141 to maintain 4.5-9.0 ppm total bromine throughout the system. (Two fluid ounces per 1000 gallons of water yields 2.2 ppm total bromine.)

AIR WASHERS

(This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.) For control of microorganisms in industrial air washer systems add sufficient 95ND141 to the air washer sump or chill water to provide a total bromine level of 4.5-9.0 ppm. Badly fouled systems must be cleaned before treatment is begun. 95ND141 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 2.2 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 2.2 ppm throughout the system. The total bromine level should be checked with a test kit and additional product applied until a reading of 4.5-9.0 ppm is obtained at the bleed-off point. Some systems may be maintained in satisfactory biological condition by applying this dosage once per day while others will respond better to dosages less than once per day.

HEAT TRANSFER SYSTEMS

(Such as Evaporative Condensers, Hydrostatic Sterilizers and Retorts, and Once-Through Cooling Water Systems) 95ND141 should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

NOTE: Halogen dosages listed in the various applications are expressed as bromine. Since most field test kits for oxidizing halogens give values in terms of chlorine, simply multiply the reading from the test kit (as chlorine) by 2.25 in order to obtain the bromine equivalency listed in these directions.

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FOR PULP & PAPER MILL INFLUENT WATER SYSTEMS

95ND141 should be applied to the raw water intake prior to the filter house, economizer, or process water. Feed at a dosage sufficient to provide a total bromine level of 4.5 - 9.0 ppm. 95ND141 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 2.2 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 2.2 ppm throughout the system. The total bromine level should be checked with a test kit and additional product applied until a reading of 4.5 - 9.0 ppm is obtained. Some systems may be maintained in satisfactory biological condition by applying this dosage intermittently while others may require a continuous application. 95ND141 may be used in pulp and paper influent water systems where the manufactured paper or paperboard may be used for food contact purposes.

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NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

