

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER. CORROSIVE. MAY CAUSE SEVERE EYE AND SKIN IRRITATION OR CHEMICAL BURNS TO BROKEN SKIN. CAUSES EYE DAMAGE. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated. 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, 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.

INDUSTRIAL & COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS

TX-10861 should be applied directly to the cooling water at any section of the system where sufficient mixing will occur. TX-10861 should be applied to the cooling water to provide a total bromine level of 4.5 - 9.0 ppm. TX-10861 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 3.3 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 3.3 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.

COOLING PONDS, RESERVOIRS AND DECORATIVE FOUNTAINS

TX-10861 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 TX-10861 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 (wt/vol.) yields 3.2-ppm total bromine



ACCEPTED

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TX-10861

Microorganism Control Chemical

TX-10861 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. TX-10861 can also be used to control bacterial, fungal and algal slime in decorative fountains, air washers, heat transfer systems, pulp and papermill process water systems and pulp and papermill influent water systems.

ACTIVE INGREDIENTS:

Sodium hypochlorite.....	9.41%
Sodium bromide.....	13.66%
INERT INGREDIENTS.....	76.93%
Total.....	100.00%

Total Available bromine = approximately 21% (expressed as chlorine = approximately 9.4%)
EPA REG NO. 1706-184 EPA Est. No. 1706-LA-1

**KEEP OUT OF REACH OF CHILDREN
DANGER**

First Aid Statement

IF 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 on Skin: 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.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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 eyes. Call a poison control center or doctor for treatment advice.

HAVE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) WITH YOU WHEN CALLING A DOCTOR OR GOING FOR TREATMENT.

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

NALCO CHEMICAL COMPANY

One Nalco Center

Naperville, IL 60563-1198

EMERGENCY PHONE NO.: (800) 462-5378

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

DIRECTIONS FOR USE (CONTINUED)

INDUSTRIAL & COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS

TX-10861 should be applied directly to the cooling water at any section of the system where sufficient mixing will occur. TX-10861 should be applied to the cooling water to provide a total bromine level of 4.5 - 9.0 ppm. TX-10861 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 3.3 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 3.3 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.

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 TX-10861 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. TX-10861 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 3.3 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 3.3 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, Dairy Sweetwater Systems, and Once-Through Cooling Water Systems)

TX-10861 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.

PULP & PAPER MILL INFLUENT WATER SYSTEMS

TX-10861 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. TX-10861 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 3.3 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 3.3 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. TX-10861 may be used in pulp and paper mill influent water systems where the manufactured paper or bromine level of 3.3 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. TX-10861 may be used in pulp and paper mill process water systems where the manufactured paper or paperboard may be used for food contact purposes.

PULP & PAPER MILL PROCESS WATER SYSTEMS

TX-10861 should be added to a paper making system at a point of uniform mixing such as the beaters, broke chest pump, save-all tank, or white water tank. Feed at a dosage sufficient to provide a total bromine level of 4.5 - 9.0 ppm. TX-10861 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 3.3 ppm of total bromine, but several times that dosage may be required to provide a total the bromine equivalency listed in these directions.

NOTE: Halogen doses listed in the various applications are expressed as bromine. Since most field 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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