

1706-184

04/27/2000

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	1706-184	APR 27 2000
<b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	
TX-10861		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Nalco Chemical Company  
 One Nalco Center  
 Naperville, IL 60563

**NOTE:** Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 1706-184"
- b. Restricted Use Classification Recommended. Due to acute oral, acute dermal, acute inhalation, eye irritation, dermal irritation toxicity categories. See below.

**SIGNAL WORD: DANGER**  
**POISON SKULL and CROSSBONES symbol**

c. Precautionary Statements should be revised to read:

Fatal if swallowed or asorbed through skin or inhaled. Corrosive. Causes irreversible eye damage or skin burns. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. For handling activities, use a NIOSH Respirator with an organic vapor (OV) cartridge or canister with any N< P< R, or HE prefilter. Wear protective clothing and rubber gloves. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
	

d. Revise Statement of Practical Treatment to read:

If Swallowed: Call a 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 by a poison control center or doctor.

e. 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.

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

3. Submit one copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Robert S. Brennis  
Product Manager (32)  
Regulatory Management Branch II  
Antimicrobial Division (7510C)

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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 that 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, and papermill influent and process water systems.

### ACTIVE INGREDIENTS:

Sodium hypochlorite..... 9.41%  
Sodium bromide..... 13.65%

### INERT INGREDIENTS

Total..... 76.94%  
Total..... 100.00%

Total Available bromine = approximately 21.2% (expressed as chlorine = approximately 9.4%)

**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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 27 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
amended by the pesticide  
registered under EPA Reg.

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**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.

**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 ounces per 1000 gallons of water (wt./vol.) yield 3.2 ppm total bromine).

**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 ounces per 1000 gallons of water (wt./vol.) gives a dosage of approximately 3.2 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 3.2 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.

**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 ounces per 1000 gallons of water (wt./vol.) gives a dosage of approximately 3.2 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 3.2 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, 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.

**FOR 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 ounces per 1000 gallons of water (wt./vol.) gives a dosage of approximately 3.2 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 3.2 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. TX-10861 may be used in pulp and paper influent water systems where the manufactured paper or paperboard may be used for food contact purposes.

**FOR 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

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Under the FIFRA Act as amended, this pesticide...  
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dosage of two ounces per 1000 gallons of water (wt./vol.) gives a dosage of approximately 3.2 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 3.2 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. 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.

**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.

EPA REG NO. 1706-

EPA Est. No. 1706-IL-01

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

ACCEPTED  
BY GOVERNMENT  
IN EPA Letter Dated:

APR 27 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
and under the Pesticide  
registered under EPA Reg. No. 1706-184