

PM32

8591-45

9/23/98

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510W)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

8591-45

Date of Issuance:

SEP 23 1998

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

STABREX ST30

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Nalco Diversified Technologies
7145 Pine Street
P.O. Box 200
Chagrin Falls, OH 44022

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 8591-45".

- See page 2

Signature of Approving Official:

Date:

SEP 23 1998

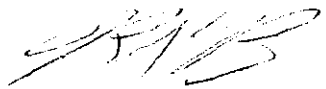
- b. Place the Statements of Practical Treatment (First Aid) under the "Danger" signal word.
- c. Place the Precautionary Statements heading under the Statements of Practical Treatment.

Revise the Precautionary Statement under "Hazards to Human and Domestic Animals" to read: **DANGER:** Corrosive, causes severe eye and skin damage. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Harmful if swallowed. Harmful if inhaled. Do not get in eyes, on skin, or on clothing.

- d. Add the directions for the "Physical or Chemical Hazards" Section above the (NFPA Health: 3 Flammability: 0 Reactivity: 0)
 - e. Under the Directions for Use in the first paragraph revise the statement "...algal slime in decorative fountains, air washers, and feed..." to read "...algal slime in decorative fountains, air washers, and food..."
 - f. In the ingredient statement the label term "Inert Ingredient" should be plural.
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.



STABREX ST30

MICROORGANISM CONTROL CHEMICAL

ACTIVE INGREDIENTS:

Sodium Hypochlorite.....	6.36%
Sodium Bromide.....	9.23%
INERT INGREDIENT.....	84.41%
Total.....	100.00%
Total Available bromine = approximately 14%	
(expressed as chlorine = approximately 6.4%)	

EPA Reg. No. 8591- *UL*

EPA EST. NO. 1706-LA-1

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 23 1998

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
amended, for the pesticide,
registered under EPA Reg. No.

8591-45

**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 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Apply this pesticide only as specified on the label.

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 immediately.

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

NFPA Health: 3 Flammability: 0 Reactivity: 0

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or 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: 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: 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.

In the event of an emergency involving a spill, leak, fire,
exposure or accident call CHEMTREC at 1-800-424-9300.

DIRECTIONS FOR USE

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

STABREX ST30 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 medium and in reservoirs or ponds which serve as the source of boiler feedwater or cooling water. STABREX ST30 can also be used to control bacterial, fungal and algal slime in decorative fountains, air washers, and feed, beverage, and industrial process pasteurizers.

COOLING PONDS, RESERVOIRS AND DECORATIVE FOUNTAINS

STABREX ST30 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 STABREX ST30 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

STABREX ST30 should be applied directly to the cooling water at any section of the system where sufficient mixing will occur. STABREX ST30 should be applied to the cooling water to provide a total bromine level of 4.5-9.0 ppm. STABREX ST30 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 pasteurizers.) For control of bacteria and fungi in industrial pasteurizers add 3.5-7.0 ounces of STABREX ST30 per 1000 gallons of system water to achieve control. To maintain control add sufficient STABREX ST30 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 STABREX ST30 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. STABREX ST30 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.) STABREX ST30 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.

DOT Proper Shipping Name
CORROSIVE LIQUID
BASIC, INORGANIC, N.O.S.
(SODIUM HYPOBROMITE)
8, UN 3266 II

Distributed By:

NALCO DIVERSIFIED TECHNOLOGIES, INC.
P.O. BOX 200, 7145 PINE STREET
CHAGRIN FALLS, OH 44022

LOT NO. _____

NET CONTENTS. _____

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