September 14, 2004

Haejo Hwang, Ph.D.
Nalco Company
1602 W. Diehl Road
Naperville, IL 60563

Subject: *Stabrex ST 70*
EPA Registration No. 1706-179
Submission Dated: June 10, 2004
Receipt Date: June 17, 2004

Dear Dr. Hwang:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below:

Conditions

1. *Revise the Ingredient statement as follows:*

Active Ingredients:	
Sodium Hypochlorite	*6.36%*
Sodium Bromide	*9.23%*
Other Ingredients	*84.41%*
Total	*100.00%*

Total Available Bromine= approximately 14%
(Expressed as chorine=approximately 6.4%)

2. *The added line "shock, respiratory depression and convulsion may be needed" has been deleted from the First Aid statement.*

3. *The "Net Contents" information should be added to the proposed label.*

4. *Please correct the typographical name (Stabrex ST 20) error under the Waste Water Impoundment directions for use.*

CONCURRENCES

SYMBOL	7510C	7510C					
SURNAME	Williams (via)	E Hutchille					
DATE	9-14-04	9-14-04					

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit a copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Delores Williams at (703) 308-6372.

Sincerely,

Emily H. Mitchell

Emily H. Mitchell
Product Manager - Team 32
Regulatory Management Branch II
Antimicrobials Division (7510C)

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 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.

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, AND DECORATIVE FOUNTAINS

STABREX ST 70 may be applied at the 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 ST 70 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).

HEAT TRANSFER SYSTEMS

(Such as Evaporative Condensers, Hydrostatic Sterilizers and Retorts, Dairy Sweetwater Systems and Once-Through Cooling Water Systems)

STABREX ST 70 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.

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

NALCO

STABREX™ ST 70

STABREX ST 70 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 ponds that serve as the source of boiler feedwater or cooling water. STABREX ST 70 can also be used to control bacterial, fungal and algal slime in decorative fountains, air washers, and food, beverage, and industrial process pasteurizers.

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%)

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

If swallowed:
- Call a poison control center or a doctor immediately for treatment advice.
- DO NOT INDUCE VOMITING.
- Do not give anything to drink.

If in eyes:
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- After at least 15 minutes of rinsing or after it is judged that nearly all of the contamination has been removed. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or a doctor immediately for treatment advice.

If on skin or clothing:
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or a doctor for treatment advice.

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

NOTE TO PHYSICIAN:
Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

Have the MSDS and, if available, the product container or label with you when calling a poison control center or a doctor, or going for treatment.

Shock, respiratory depression and convulsion may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Nalco Company
1601 West Diehl Road
Naperville, IL 60563-1198
EMERGENCY PHONE NO.: (800) 424-9300

Accepted
With Comments
In EPA Letter Dated:
SEP 14 2004
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1706-179

Directions for Use (continued)

INDUSTRIAL AND COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS

STABREX ST 70 should be applied directly to the cooling water at any section of the system where sufficient mixing will occur. STABREX ST 70 should be applied to the cooling water to provide a total bromine level of 4.5-9.0 ppm. STABREX ST 70 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 STABREX ST 70 per 1000 gallons of system water to achieve control. To maintain control add sufficient STABREX ST 70 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

For control of microorganisms in industrial air washer systems add sufficient STABREX ST 70 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 ST 70 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.

FOR PULP & PAPER MILL INFLUENT WATER SYSTEMS (NOTE: THIS USE NOT CURRENTLY AUTHORIZED IN CALIFORNIA)

STABREX ST 70 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. STABREX ST 70 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 a satisfactory biological condition by applying this dosage intermittently while others may require a continuous application. STABREX ST 70 may be used in pulp and paper mill influent water systems where the manufactured paper or paperboard may be used for food contact purposes.

INDUSTRIAL WASTE WATER IMPOUNDMENT (WATER TREATMENT) (NOTE: THIS USE NOT CURRENTLY AUTHORIZED IN CALIFORNIA)

For control of microorganisms in wastewater treatment system add sufficient STABREX ST 20 to provide a total bromine level of 0.2-0.5 ppm. Badly fouled systems must be cleaned before treatment is begun. STABREX ST 20 at a dosage of two fluid ounces per 10,000 gallons of water gives a dosage of approximately 0.2 ppm of total bromine, but several times that dosage may be required to provide a total bromine level of 0.2 ppm throughout the system. The total bromine level should be checked with a test kit and additional product applied until a reading of 0.2-0.5 ppm is obtained at the bleed-off point.

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. 1706-179

EPA Establishment Numbers are as follows (Letters in ( ) that match prefix in batch number identify the establishment number.)

1706-CA-1 (CR); 1706-CA-2 (LC); 1706-IL-1 (BP); 1706-LA-1 (GV); 1706-MN-1 (EG); 1706-PA-1 (EL); 1706-SC-1 (GR); 1706-WA-1 (VW); 1706-OK-1 (TU);
68708-TX-1(SL); 68708-TX-3(DS); 68708-WY-1(EV); 73005-DE-001(PN)

Revised: 6/10/2004

Corrosive Liquid, Basic, Inorganic, N. O. S. (sodium hydroxide, bromine antimicrobial) 8, UN 3266, II

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