

1706-181

7-3-2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

July 3, 2003

Claude H. Wolf
Ondeo Nalco Company
Ondeo Nalco Center
Naperville, IL 60563-1198

Subject: 93NF152
EPA Registration No. 1706-181
Application Date: April 10, 2003
Receipt Date: April 16, 2003

Dear Mr. Wolf:

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:

- Revised First Aid Statement per PR Notice 2001-1

Conditions

1. You must provide a Hotline Telephone number under the First Aid statement as per PR Notice 2001-1.
2. Revise the Ingredient statement as follows:

Active Ingredient:

Sodium Bromide	42.8%
Other Ingredients	<u>57.2%</u>
Total	100.0%

3. Add the following sentence to the beginning of the Environmental Hazards statement.

"This product is toxic to fish and aquatic organisms."

4. The dosage rates as they appear on the label have increased without an explanation for the increase. You must revert back to the original dosage rates per the last stamped accepted label. If you wish to adjust those rates in the future, you must justify the change in dosage.

CONCURRENCES

SYMBOL	7510C						
SURNAME	Mitchell						
DATE	7-3-03						

5. Correct the following typographic errors:
- a. "**The** lowest molar ratio at which the maximum bromine residual attained should be the ratio applied to the system." Under Dosage Rates section.
 - b. "The 93NF152 should be fed neat **into** a bleach feed line or the chlorinator drive water line." Under Feed Rates section.

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 Wanda Mitchell at (703) 308-6345.

Sincerely,



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

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF SWALLOWED. CAUSES MODERATE
EYE IRRITATION. Avoid contact with skin, eyes, or clothing.

Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

REDUCING AGENT. Do not allow this product to come in contact with acids or oxidizing agents under conditions other than controlled feed to the system. Use only as directed. Gross mixing of this product with acids or oxidizing agents may cause evolution of hydrogen bromide gas which is poisonous and corrosive.

This product is not flammable. However, in fires fueled by other materials hydrogen bromide or bromine may be released.

STORAGE AND DISPOSAL

STORAGE: Store in a cool dry place away from direct sunlight. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Net Contents Shown Elsewhere on Container

EPA Reg. No. 1706-181

EPA Est. No. 1706-IL-1

Rev.: 3/19/2005



93NF152

A Hypobromous Acid Generating Source For Use in Systems Such as Flume Water and Transport Water for Sugar Beets Utilizing Chlorination

ACTIVE INGREDIENT:

Sodium Bromide.....	42.8%
INERT INGREDIENTS.....	57.2%
Total.....	100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN

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.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Ondeo Nalco Company
Ondeo Nalco Center

Naperville, IL 60563-1198

EMERGENCY PHONE NO. (800) 424-9300

PRODUCT IS NOT REGULATED DURING TRANSPORTATION

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. When used as directed, 93NF152 helps to effectively control microbial activity in sugar beet transport water systems.

DOSAGE RATES: Add 93NF152 to the system at a 0.125 to 0.250 sodium bromide/oxidant mole ratio. For example:

- 1) 1.8 to 1.9 pounds of chlorine gas (99.9%) per gallon of sodium bromide solution;
- 2) 1.4 to 1.6 gallons sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution.

The molar ratio of chlorine to bromine should be chosen based on maximum bromine activation. A sample of drivewater should be obtained from the drivewater line at the point it enters the flume water. This sample should be titrated for FRO, TRO and bromine oxidant. The lowest molar ratio at which the maximum bromine residual is attained should be the ratio applied to the system. The total concentration of applied halogen must be within label limits.

93NF152 is to be applied neat into the process water at a minimum level necessary to accomplish its intended technical effect and THE BEETS MUST UNDERGO A POTABLE WATER RINSE BEFORE SLICING.

INITIAL DOSE: Application of 93NF152: When the system is noticeably fouled, (when the system shows evidence of excessive microbial activity), add 0.0003 to 0.022 gallons of 93NF152 per 1000 gallons of water, oxidizing concurrently with either chlorine gas (0.008 to 0.042 lbs. Per 1000 gallons of water), or sodium hypochlorite solution (0.007 to 0.034 gallons of 12.5% sodium hypochlorite solution per 1000 gals of water).

SUBSEQUENT DOSE: When microbial control is evident, add 0.00014 to 0.022 gallons of 93NF152 per 1000 gallons of water contained in the system, oxidizing concurrently with either gas chlorine (0.004 to 0.042 lbs. gas chlorine/1000 gals of contained water), or sodium hypochlorite solution (0.003 to 0.034 gallons of 12.5% sodium hypochlorite solution/1000 gallons of water).

FEED SYSTEM: This product is applied to a flume water side stream. The 93NF152 should be fed neat into a bleach feed line or the chlorinator drive water line. A feed position just upstream of the chlorine injection point is preferred.

93NF152 is acceptable under 21CFR173.315 (a)(3) for application in sugar beet flume and transport water for washing sugar beets prior to slicing.

ACCEPTED
with COMMENTS
EPA Letter Dated:

JUL - 3 2003

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

SVEZ
1706-181
CW