

MAR 15 1990

Alden Leeds, Inc.  
55 Jacobus Avenue  
South Kearny, NJ 07032

Attention: Lawrence Epstein  
Vice President

Subject: Nucleo Poly 60  
EPA Registration Number 7124-77  
Your Application Dated October 25, 1989 and  
Your Letters Dated November 28, 1989 and January 29, 1990

This is in response to your request to amend the registration of the subject product to include additional use instructions and revised product name as proposed in your Application dated October 25, 1989 and the letter of November 28, 1989 that accompanied that Application, and the labeling revision requested in your Application dated October 2, 1989. The revised labeling submitted with your letter of January 29, 1990 supersedes the labeling previously submitted with the referenced Applications.

The amendments referred to above submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act are acceptable provided that you:

- 1) Make the following labeling revision before you release the product for shipment bearing the amended labeling.
  - o Revise the last sentence in the second paragraph (left panel) to read "Slug additions may be made to the sump or to the water collection trays of the airway system."
- 2) Submit the revised final printed labeling for inclusion in the product file.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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We have amended our records to reflect the product name change to "Nu-clo Poly 60".

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

The Confidential Statement of Formula which was also submitted with your letter dated January 29, 1990 is acceptable. It has been included in the registration records for this product.

Sincerely yours,



Walter C. Francis  
Acting Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosure

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 15 1990

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

essary in  
extent of c  
of storage  
NOTE: Do  
food.

FOR SPARKLING POOLS

7124-77  
**m-clo**

**POLY 60**

**ACTIVE INGREDIENTS:**

Poly (oxyethylene (dimethyliminio) ethylene-  
(dimethyliminio) ethylene dichloride).....60%

**INERT INGREDIENT:**.....40%

This product contains 5.76 lbs. of active  
ingredient per gallon and weighs 9.6 lbs. per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SEE FIRST AID STATEMENT AND OTHER  
PRECAUTIONS ON SIDE PANEL  
BEFORE OPENING CONTAINER**

**NET CONTENTS 1 QUART**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

**FIRST AID:** If swallowed: Rinse mouth with copious amounts of water then drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention. If in eyes: Flush with plenty of water for 15 minutes. Get medical attention. If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public waters.

**INDUSTRIAL DIRECTIONS FOR USE**

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

This product is used to control the growth of algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers. Prior to the use of this product in water cooling towers, systems should be cleaned to remove algal growth, microbiological slime, and other deposits. Then make an initial slug addition of 0.9 to 2.2 fluid ounces of this product per 1,000 gallons of water to provide 8 to 20 ppm of product, based on the total weight of water in the system. Repeat initial dosage until control is evident. Make subsequent slug additions of 0.2 to 2.2 fluid ounces of product per 1,000 gallons of water (2 to 20 ppm of product) every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of the water cooling tower.

This product is used to control bacteria in industrial air washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 3.33 to 5.56 fluid ounces of product per 1,000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 2.25 to 5.55 fluid ounces of product per 1,000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be to the sump or to the water collection trays of the airway system.

This product is used to control the growth of algae in decorative fountains. Systems containing heavy growths of algae should be manually cleaned prior to treatment. Fountains that do not contain fish, with just visible algae growth require an initial dose of 1.0 to 2.0 fluid ounces of product per 1,000 gallons of water in the system. To treat a freshly cleaned and filled fountain, add 0.5 to 1.5 fluid ounces of product per 1,000 gallons of water. Maintenance dosages of 0.2 to 0.5 fluid ounces of this product per 1,000 gallons of water should be added every 5 to 7 days as needed. Additions of this product should be made at a point to ensure uniform distribution throughout the system. This product may be used in fountains treated with chlorine chemicals, but do not mix product with concentrated dry or liquid chlorine products.

This product will retard microbial growth that causes degradation of cooked starch used in paper manufacture. This product is added at a rate of 25 to 250 ppm based on the total weight of the starch and water. The treatment rate nec

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