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Water Services, Inc.
P.O. Box 22339
Knoxville, TN 37933-0339

Attention: C. Alex Farris

Gentlemen:

Subject: Algicide X-20
EPA Registration No. 10867-3
Your Amended Application Dated May 19, 1987

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) 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 bearing the amended labeling:
 - a. Change in the active ingredient from "Alkyl (C₁₂ 65%, C₁₄ 25%, C₁₆ 10%) dimethyl benzyl ammonium chloride" to "Alkyl (C₁₄ 60%, C₁₆ 30%, C₁₂ 5%, C₁₈ 5%) dimethyl benzyl ammonium chloride. Alkyl (C₁₂ 68%, C₁₄ 32%) dimethyl ethylbenzyl ammonium chloride."
 - b. Change substate below the ingredient statement to "Contains 1.2 pounds of active ingredients per gallon."
 - c. The net contents must be declared on the label or on the container.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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CONCURRENCES


SYMBOL	ORIGINATOR							
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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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,


John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

BEST AVAILABLE

ALGICIDE X-20

ACTIVE INGREDIENTS..... 15%

ALKYL (C₁₄ 60%, C₁₆ 30%, C₁₂ 5%, C₁₈ 5%) dimethyl benzyl ammonium chloride..... 7.5%

ALKYL (C₁₂ 68%, C₁₄ 32%) dimethyl ethylbenzyl ammonium chloride..... 7.5%

INERT INGREDIENTS..... 85%

CONTAINS 1.5 POUNDS OF ACTIVE INGREDIENT PER GALLON.

DANGER
KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful or fatal if swallowed. Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. In case of contact, immediately flush with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink PROMPTLY large amounts of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Avoid contamination of food.

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewer treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

EPA REG NO 10867-3
EPA EST. NO 10867-TN-01

DIRECTIONS FOR USE

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

ALGICIDE X-20 is a specially prepared product for controlling algae and bacteria in industrial and commercial recirculating cooling towers, evaporative condensers and air washers. Prior to its use in air washers, the system should be pre-cleaned if dirty by applying a suitable detergent solution to the air washer tank. Let system run 2 hours with fan off. Pump and flush tank. Check all nozzles. Remove plugged nozzles and clean manually. Air washer waters subject to acidifying materials require periodic adjustment of pH with alkaline additives. An initial slug addition of 1 to 1.5 quarts of ALGICIDE X-20 per 1000 gallons of water should be used, depending on the condition of the system at the time of the initial slug addition. Subsequent slug additions require application of the product in a quantity needed. If microbial growth is noticed, the initial slug addition is used and repeated as needed until control is evident. When or where microbial growths are under control, use the subsequent slug addition range. Heavy contaminations of slime or scale must be removed manually. ALGICIDE X-20 may be added in the tower sump, tower basins, or in distribution pipes.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 18 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 10867-3

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PROHIBITIONS: This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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:
PLASTIC: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.
GENERAL: Consult Federal, State or Local Disposal authorities for approved alternative procedures.

SOLD BY:

WATER SERVICES, INC.
P.O. BOX 22339
KNOXVILLE, TN 37933-0339

Label Redesign
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