

PM 31 47371-58

1075

JUL 05 1988

H&S Chemicals Division
970 East Tipton Street
Huntington, IN 46750

Attention: Richard D. Sheets

Gentlemen:

Subject: HS-210 Swimming Pool ALGACIDE
EPA Registration No. 47371-58
Your Submission Dated February 11, 1988
EPA Received Date February 18, 1988

The amendment referred to above is acceptable provided that you make the following changes:

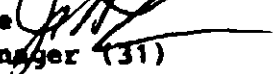
1. Revise "Spa & Whirlpool Use" to read as the following "For Outdoor Spa, Whirlpool, and Hot Tub Use Only."
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

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

If you have any questions concerning this letter, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,


 John M. Lee
 Product Manager (31)
 Antimicrobial Program Branch
 Registration Division (TS-767C)

Enclosure

50263;1;Leavy;LL-19;KENCO:2/1/89;3/16/89;SG;EK;aw

CONCURRENCES

SYMBOL	JURNAME	DATE						

HS-210

Swimming Pool Algaecide

HS-210 Swimming Pool Algaecide is an outstanding algae growth depressant. Keeps pool water free of visible algae and slime. Reduces need for other chemicals. Improves filter operation. Compatible with most pool treatment chemicals. Will not damage tile, concrete, metal or plastics. Efficient. Economical. Stable.

DIRECTIONS

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

SWIMMING POOL ALGAECIDE

Effective against *Chlorella pyrenoidosa* (green algae), *Phormidium luridum* (black algae), *Phormidium inundatum* (blue-green algae), *Lyngbya versicolor* (blue-green algae) and *Pleurochloris maritima* (mustard algae).

APPLICATION: For all applications, apply equal amounts of HS-210 Swimming Pool Algaecide along pool edges around the circumference of the pool. Circulate or stir water for uniformity throughout the pool.

INITIAL APPLICATION: For a pool with visible algae present add 5 fl. oz. per 10,000 gallons.

MAINTENANCE DOSE: Use 1 1/2 fl. oz. per 10,000 gallons every week. For very hot weather or heavy bathing load, use this dosage every 5 days.

BOOSTER DOSE: After heavy rains or severe storms add 1/2 fl. oz. per 1,000 gallons of water.

POOL-SIDE SURFACES: Pool-side surfaces should first be cleaned with a recommended detergent product.

NOTE: Before entering the pool, check the quat residual, allow pool to stand until below 2.0 ppm.

SPA & WHIRLPOOL USE:

Fill whirlpool, spa or hot tub with water. Add 1/2 fl. oz. per 200 gallons of water (2 ppm active quat).

Drain & disinfect whirlpool, spa or hot tub after each use with a suitable chlorine bleach.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 05 1989

ACTIVE INGREDIENT:

Didecyl dimethyl ammonium chloride

INERT INGREDIENTS:

DANGER: KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes. For eyes, call a physician if available. Do not use eye drops, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes severe eye and skin damage. Do not get in eyes or on skin or on clothing. Wash contaminated clothing before reuse. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Harmful or fatal if swallowed. Avoid contamination of food.

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 the product is specifically identified and addressed in an NPDES permit. 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.

PHYSICAL AND CHEMICAL HAZARDS

HS-210 Swimming Pool Algaecide is cationic. Do not mix with soap or anionic materials.

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

This product must be kept under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue 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 in your nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

PLASTIC CONTAINERS

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 the smoke.

FIBER DRUMS WITH LINERS

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

METAL CONTAINERS

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other means approved by state and local authorities.

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 47371-52

PM 31 REG# 47371-58

JUL 05 1988

H&S Chemicals Division
970 East Tipton Street
Huntington, IN 46750

Attention: Richard D. Sheets

Gentlemen:

Subject: MS-210 Swimming Pool ALGACIDE
EPA Registration No. 47371-58
Your Submission Dated February 11, 1988
EPA Received Date February 18, 1988

The amendment referred to above is acceptable provided that you make the following changes:

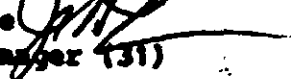
1. Revise "Spa & Whirlpool Use" to read as the following "For Outdoor Spa, Whirlpool, and Hot Tub Use Only."
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

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

If you have any questions concerning this letter, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,

John H. Lee 
Product Manager (31)
Antimicrobial Program Branch
Registration Division (28-767C)

DIRECTIONS

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

SWIMMING POOL ALGAEKILLER

Effective against *Chlorella pyrenoidosa* (green algae), *Phormidium luridum* (black algae), *Phormidium incurvatum* (blue-green algae), *Lyngbya variator* (blue-green algae) and *Plectononcha rubiginosa* (mustard algae).

APPLICATION: For all applications, apply equal amounts of HS-210 Swimming Pool Algaecide along pool edges around the circumference of the pool. Circulate or stir water for uniformity throughout the pool.

INITIAL APPLICATION: For a pool with visible algae present add 5 fl. oz. per 10,000 gallons.

MAINTENANCE DOSE: Use 1 1/2 fl. oz. per 10,000 gallons every week. For very hot weather or heavy bathing load, use this dosage every 5 days.

BOOSTER DOSE: After heavy rains or severe storms add 1/2 fl. oz. per 1,000 gallons of water.

POOL-SIDE SURFACES: Pool-side surfaces should first be cleaned with a recommended detergent product.

NOTE: Before entering the pool, check the quat residual, allow pool to stand until below 2.0 ppm.

SPA & WHIRLPOOL USE:

Fill whirlpool, spa or hot tub with water. Add 1/8 fl. oz. per 200 gallons of water (2 ppm active quat).

Drain & disinfect whirlpool, spa or hot tub after each use with a suitable disinfectant.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 05 1989

ACTIVE INGREDIENT:

didcyl dimethyl ammonium chloride

INERT INGREDIENTS:

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 47371-58

50.0%
50.0%

DANGER: KEEP OUT OF REACH OF CHILDREN**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. If swallowed, drink large quantities of water. Avoid alcohol. Call a physician 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.

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Corrosive. Causes severe eye and skin damage. Do not get in eyes or on skin or on clothing. Wash contaminated clothing before reuse. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Harmful or fatal if swallowed. Avoid contamination of food.

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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

HS-210 Swimming Pool Algaecide is caustic. Do not mix with soap or anionic materials.

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

This product must be kept under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

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**PLASTIC CONTAINERS**

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 the smoke.

FIBER DRUMS WITH LINERS

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

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.

EPA Reg. No. 47371-58

EPA Est. No. 47371-04-01

HS-8