

STORAGE AND DISPOSAL

1. PROHIBITIONS

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Do not reuse empty container.

2. PESTICIDE DISPOSAL

Pesticide, spray mixture or residue that cannot be used, or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

3. CONTAINER DISPOSAL

Dispose of in an incinerator or land fill approved for pesticide containers, or bury in a safe place.

4. GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

Algaecide 50 is Economical, Efficient, Stable.

Algaecide 50 is compatible with all swimming pool chemicals and is non-injurious to metal, paint, plastic and tile.

Algaecide 50 when used as directed, will improve the appearance and cleanliness of the pool or water cooling system.

Algaecide 50 prevents unsightly growths of algae.

Algaecide 50 may be stored for prolonged periods of time without losing its effectiveness or strength.

Algaecide 50 requires no special equipment for treating water. May be added directly to the pool in any spot or added to the water circulation equipment.

Concentrated Algaecide Olympic Algaecide 50 for Control of Algae and Algal Slime Growth in Swimming Pools and Water Cooling Systems.

* ACTIVE INGREDIENT

n-Alkyl (60% C₁₂, 30% C₁₄, 5% C₁₆ & 5% C₁₈) dimethylbenzyl ammonium chloride 42.0%
n-Dialkyl (60% C₁₂, 30% C₁₄, 5% C₁₆ & 5% C₁₈) methylbenzyl ammonium chloride 8.0%

INERT INGREDIENT

Water 50.0%

TOTAL

Weight Approx. 100%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

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. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge treated effluent into lakes, streams or ponds.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush the eyes 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 a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN

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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

York Chemical Corporation DEC 13 1982
3309 E. Carpenter Fwy.
Irving, Texas 75062

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. E.P.A. Reg. No. 42197
E.P.A. Est. No. 42177-34

DIRECTIONS FOR USE IN SWIMMING POOLS

INITIAL APPLICATION (To A Clean Pool)

26 fluid oz. to each 50,000 gallons of water or ratio thereof. If algae growth is visible apply the initial dose. Vacuum pool after 24 hours to remove dead algae. If algae is still visible repeat dose as necessary until pool is free of visible algae.

CONTINUED APPLICATION:

6.5 fluid oz. **Algaecide 50** in 50,000 gallons of water every 3-5 days or as needed to maintain 2 ppm active. Quaternary Test Kits are available for this use.

BOOSTER APPLICATION:

6.5 fluid oz. **Algaecide 50** in 50,000 gallons after a heavy or prolonged rainfall or when there is a heavy bathing load.

The above directions should be followed even when the pool is not in use.

DIRECTIONS FOR USE IN RECIRCULATING WATER COOLING TOWERS

INITIAL APPLICATION (To A Clean System)

The dose should be poured into the sump of a system, which is clean or in which growth is first noticed. 5.25 to 10.25 fluid ounces (20 to 40 ppm on an active quaternary basis) per 1000 gallons of contained water. When heavy algae growth is present system will have to be cleaned manually.

SUBSEQUENT APPLICATION:

1.33 to 3.85 fluid ounces (5 to 15 ppm on an active quaternary basis) per 1000 gallons of contaminated water.

The above directions are to be followed twice weekly or as needed.

If algae growth is noticeable, apply the initial dose.

GENERAL CLASSIFICATION

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

KEEP FROM FREEZING

Net Contents

Batch No.

- d. Change the claims on the left panel to read as follows:

Algaecide 10 is compatible with many swimming pool chemicals and when used as directed it is not harmful to the metal, paint, plastic or tile surfaces of the swimming pool.

Algaecide 10, when used as directed, will help improve the appearance and cleanliness of the swimming pool water and cooling systems water.

Algaecide 10 helps inhibit the growth of unsightly algae.

Algaecide 10, when properly stored for prolonged periods of time, will not lose its effectiveness nor strength.

Algaecide 10 requires no special equipment for treating swimming pool water. The correct use-dilution may be added directly to the pool in any spot or added to the water-circulation equipment.

- e. Replace the Environmental Hazard Statement with the following.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

- f. The preferred location of the Storage and Disposal Statements is immediately before specific directions for use or at the end of directions for use. You may wish to place the storage and disposal block at the bottom of the left panel with the general claims at the top. Or you may wish to add the block to the bottom of the right panel with the directions for use in swimming pools placed on the lower left panel with general claims above it.
- g. The preferred location of the Statement of Classification and Misuse Statement would be before the specific directions. You may wish to move these two statements from the bottom to the top of the right panel, adding a heading DIRECTIONS above the statements. See the enclosure titled The Label.
- h. We have determined that this product is subject to Child-Resistant Packaging regulations (effective March 9, 1981). Refer to 40 CFR 152.16 "Pesticides Requiring Special Packaging" and the Federal Register Vol. 46, No. 41, Tuesday, March 3, 1981, pps 15104-15109, "Clarification of Policy Issues on Special Packaging," for guidance and proper submission requirements.

You must submit a statement certifying that your packages meet the standards for special packaging for this registration.

However, you may wish to voluntarily restrict your product to use by service persons only which would not require child-resistant packaging. To do this, you must print on the label, or temporarily apply as a sticker on the label or on the container for all sizes in which this product will be marketed, the following statement:

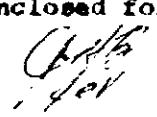
Only for Sale To, Use and Storage by Service Personnel

This statement must be at least the same type size as the child hazard warning statement and preferably be placed in the upper front panel.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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


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

Enclosures

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
AND DOMESTIC ANIMALS
DANGER

CAUSES EYE DAMAGE
CAUSES SKIN IRRITATION, ESPECIALLY
TO BROKEN SKIN

HARMFUL IF SWALLOWED

Do not get in eyes, on skin or on clothing.
Wear goggles or face shield and rubber gloves when
handling this product.
Remove and wash contaminated clothing.
Do not take internally.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food or feed by storage
or disposal. Open dumping is prohibited. If plastic, do not
reuse empty container.

DISPOSAL: Pesticide or waste that cannot be used or
chemically reprocessed should be disposed of in a landfill
approved for pesticides or buried in a safe place away from
water supplies. Triple rinse (or equivalent) all containers
and, for metal containers, after for recycling or reconditioning
for plastic containers, dispose of as incinerator
or dispose in landfill approved for pesticide containers or
bury in a safe place. Consult federal, state or local disposal
regulations for approved alternative procedures.

NOTICE: Seller warrants that the product conforms to its
chemical description and is reasonably fit for the purpose
stated on the label when used in accordance with directions
under normal conditions of use. But neither this warranty
nor any other warranty of merchantability or fitness for a
particular purpose, express or implied, extends to the use,
storage or handling of this product in a manner other than
as directed by label instructions, or under abnormal conditions,
or under conditions not reasonably foreseeable to
seller, and buyer assumes the risk of any such use.

ACCEPTED
with COMMENTS
in EPA Letter Dated,

DEC 15 1982

Under the provisions of the
Fungicide, Insecticide and
Antibiotic Act of 1947, as
amended, for the purpose of
registered under EPA Reg. No.

48532-2



Forma Scientific
DIVISION OF MALLINCKRODT, INC.
BOX 649 MARIETTA OHIO 45750 TELEX 24-5394
TOLL FREE USA (800-846-3080) OHIO 614-373-4763

FORMASAN



DISINFECTANT-CLEANER-FUNGICIDE
MILDEWSTAT-PEOPORANT

ACTIVE INGREDIENT

n-Allyl (50% C₁₂, 40% C₁₂, 10% C₁₂) dimethyl benzyl ammonium chloride 10.0%

INERT INGREDIENTS

Total

90.0%

100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.
IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated
clothing before reuse.
IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin, or vegetable oil.
These are not available, drink large quantities of water. Do not induce vomiting. Call a physician
immediately.

NOTE TO PHYSICIAN

Probable minimal damage if ingested. Use the use of gastric lavage. Measure
against electrolyte shock, respiratory depression, and convulsions may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Forma
Scientific
Marietta, OH
45750

EPA Reg. No. _____
EPA Reg. No. _____

NET CONTENTS

One Gallon

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

This is a solution of the active ingredient in a water-soluble carrier.

FOR CLEANING:

Lightly wetted areas — solution of 1/2 cup of product per gallon of water.
Heavy soiled areas — solution of 1 cup of product per gallon of water.
Very heavy soiled areas — solution of 1 1/2 cups of product per gallon of water.

GENERAL PURPOSE DISINFECTANT

To disinfect walls, floors and other hard surfaces, use a solution of 1/2 cup of product per gallon of water. For heavily soiled areas, use a solution of 1 cup of product per gallon of water. For very heavily soiled areas, use a solution of 1 1/2 cups of product per gallon of water. Allow the solution to remain on the surface for at least 10 minutes before rinsing with clean water.

To disinfect floors, use a solution of 1/2 cup of product per gallon of water. For heavily soiled floors, use a solution of 1 cup of product per gallon of water. For very heavily soiled floors, use a solution of 1 1/2 cups of product per gallon of water. Allow the solution to remain on the floor for at least 10 minutes before rinsing with clean water.

To disinfect walls, use a solution of 1/2 cup of product per gallon of water. For heavily soiled walls, use a solution of 1 cup of product per gallon of water. For very heavily soiled walls, use a solution of 1 1/2 cups of product per gallon of water. Allow the solution to remain on the wall for at least 10 minutes before rinsing with clean water.

HOSPITAL DISINFECTION

To disinfect walls, floors and other hard surfaces, use a solution of 1/2 cup of product per gallon of water. For heavily soiled areas, use a solution of 1 cup of product per gallon of water. For very heavily soiled areas, use a solution of 1 1/2 cups of product per gallon of water. Allow the solution to remain on the surface for at least 10 minutes before rinsing with clean water.

DEODORIZATION

Place in deodorizers of 1/2 cup of product per gallon of water. For heavily soiled areas, use a solution of 1 cup of product per gallon of water. For very heavily soiled areas, use a solution of 1 1/2 cups of product per gallon of water. Allow the solution to remain on the surface for at least 10 minutes before rinsing with clean water.

SANITIZATION

To sanitize walls, floors and other hard surfaces, use a solution of 1/2 cup of product per gallon of water. For heavily soiled areas, use a solution of 1 cup of product per gallon of water. For very heavily soiled areas, use a solution of 1 1/2 cups of product per gallon of water. Allow the solution to remain on the surface for at least 10 minutes before rinsing with clean water.

To sanitize floors, use a solution of 1/2 cup of product per gallon of water. For heavily soiled floors, use a solution of 1 cup of product per gallon of water. For very heavily soiled floors, use a solution of 1 1/2 cups of product per gallon of water. Allow the solution to remain on the floor for at least 10 minutes before rinsing with clean water.

MOULD AND MILDEW CONTROL

To control mould and mildew on walls, floors and other hard surfaces, use a solution of 1/2 cup of product per gallon of water. For heavily soiled areas, use a solution of 1 cup of product per gallon of water. For very heavily soiled areas, use a solution of 1 1/2 cups of product per gallon of water. Allow the solution to remain on the surface for at least 10 minutes before rinsing with clean water.