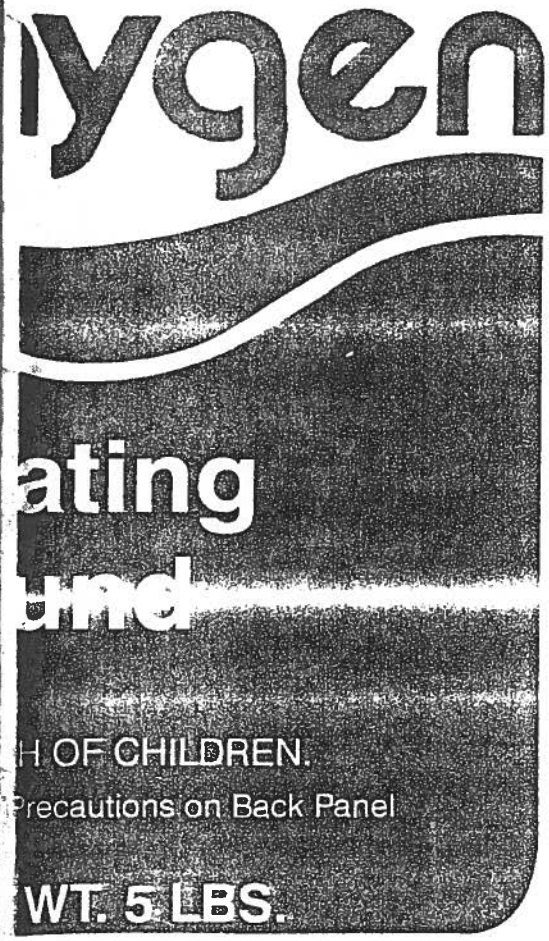
ODA Sample #
050214-3162-



PRECAUTIONARY STATEMENTS

DANGER

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CORROSIVE: KEEP OUT OF THE REACH OF CHILDREN

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

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact the regional office of EPA.

PHYSICAL AND **CHEMICAL HAZARDS:** STRONG OXIDIZING AGENT. Mix only with water. Use clean, dry utensils. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible fire and explosion.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes with plenty of fresh water for 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed drink PROMPTLY a large quantity of egg whites, protein solution or if these are not available, drink large quantities of [illegible] Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND **DISPOSAL:** Keep product dry in tightly closed container when not in use. Store in a cool, dry, and well-ventilated area away from heat or open flame. In case of decomposition, isolate container, if possible, and flood with large amounts of water to dissolve all material before discarding. Place in trash landfill area or bury in safe place.

APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL

EPA Reg. No. 278-50 EPA Est. 278-OH-1

WHEN CONTAINER IS EMPTY RINSE THOROUGHLY WITH WATER AND DISCARD

PACKAGED BY MIAMI PRODUCTS & CHEMICAL CO., DAYTON, OH 45403

MAR 1 6 2005

PESTICIDE REGULATION

ACTIVE INGREDIENT:

Sodium Dichloro-S-Triazinetrione Dihydrate	99%
Inert Ingredients	1%
	100%
Available Chlorine	56%

To maintain clean, clear safe swimming pool water, a chlorine residual of 1.0 to 3.0 ppm should be maintained in the water. Because chlorine is consumed by the process of oxidizing impurities in the water and by sunlight, it is necessary to add chlorine daily to maintain the proper chlorine residual. SANYGEN GRANULAR CHLORINATING COMPOUND provides a more stable form of chlorine for maintaining a constant chlorine residual and it also contains a built-in stabilizer to reduce the amount of chlorine used. SANYGEN GRANULAR CHLORINATING COMPOUND dissolves quickly and completely and will not add minerals to the swimming pool water which causes cloudiness.

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

When starting up a new pool, superchlorinate to satisfy chlorine demand and to establish a chlorine residual of 1.0-3.0 ppm available chlorine. To accomplish this, add 2 oz. SANYGEN GRANULAR CHLORINATING COMPOUND per 1,000 gallons of pool water. SANYGEN SUPER SHOCK may also be used for initial superchlorination by following the label directions. The next morning, add SANYGEN CONDITIONER at the rate of 4 oz. per 1,000 gallons of pool water to stabilize the pool water.

SANYGEN GRANULAR CHLORINATING COMPOUND should be added daily or as needed at the rate of 1/8 to 1/4 oz. per 1,000 gallons of pool water to maintain a chlorine residual [illegible] by a suitable test set. The pH should be maintained between 7.4 and 7.6.

A shock treatment should be made by superchlorinating with an extra dosage of chlorine every week during hot weather or after heavy rains. Less frequent superchlorination may be needed during cool weather. For superchlorination, add 2 oz. SANYGEN GRANULAR CHLORINATING COMPOUND per 1,000 gallons of pool water. SANYGEN SUPER SHOCK may also be used for superchlorination by following the label directions. Swimmers should not be permitted in the water after superchlorination until the chlorine residual has returned to the 1.0 to 3.0 ppm range.

Keep in mind that a slight flexibility must be maintained in the event of heavy accumulations of dust and dirt caused by storms or heavy bathing loads which require additional dosages as needed to maintain the chlorine residual between 1.0 and 3.0 ppm.

0 41691 11112 5

Sa

granular

chlor

comp

WARNING:

KEEP OUT OF

See First Aid and

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

NOTICE OF PESTICIDE: ☐ REGISTRATION ☒ REREGISTRATION

(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

EPA REGISTRATION NO. 278-50

DATE OF ISSUANCE JUN 30 1995

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Sanygen Granular Chlorinating Compound

NAME AND ADDRESS OF REGISTRANT *(Include ZIP code)*

Miami Products & Chemical Company, Inc.
P.O. Box 486
Dayton, OH 45401

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Make the following labeling changes before you release the product for shipment:

1. Revise the Precautionary Statements and Statement of Practical Treatment in accordance with Attachment A for Batch 26 products.

2. Delete the word "Warning" on the front panel and replace it with the word "Danger". The word "Danger" must be placed under "Keep Out of the Reach of Children".

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL | DATE

EPA Form 8570-6 (Rev. 5-76) PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

1995

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

Submit one copy of the final printed labeling before releasing the product in channels of trade with the revised 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.

Ruth G. Douglas
Product Manager 32
Antimicrobial Program Branch
Registration Division (7505C)

Enclosure

Attachment A - Batch 26 Products

Labeling:

1. The signal word is "Danger".

2. The Precautionary Statements should read:

"Corrosive: Cause irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe dust, vapor or spray mist. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse".

3. The Statements of Practical Treatment should read:

"If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention".

"If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. Get medical attention".

"If on Skin: Wash with plenty of soap and water. Get medical attention if irritation persists".

"If swallowed: Drink promptly large quantities of water. Avoid alcohol. Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Get medical attention".

Sanygen

ACCEPTED
with COMMENTS
in EPA Letter Dated:
JUNE 30, 1995
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.
278-50

granular

chlorinating compound

WARNING:
Keep Out of Reach of Children.
See First Aid and Other Precautions on Back Panel.

NET WT. 45 LBS.

BEST COPY AVAILABLE

00090

ACTIVE INGREDIENT:

Sodium Dichloro-S-Triazinetrione Dihydrate	99%
Inert Ingredients	1%
	100%
Available Chlorine	63.5%

To maintain clean, clear safe swimming pool water, a chlorine residual of 1.0 to 3.0 ppm should be maintained in the water. Because chlorine is consumed by the process of oxidizing impurities in the water and by sunlight, it is necessary to add chlorine daily to maintain the proper chlorine residual. SANYGEN GRANULAR CHLORINATING COMPOUND provides a more stable form of chlorine for maintaining a constant chlorine residual and it also contains a built-in stabilizer to reduce the amount of chlorine used. SANYGEN GRANULAR CHLORINATING COMPOUND dissolves quickly and completely and will not add minerals to the swimming pool water which causes cloudiness.

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

When starting up a new pool, superchlorinate to satisfy chlorine demand and to establish a chlorine residual of 1.0 - 3.0 ppm available chlorine. To accomplish this, add 2 oz. SANYGEN GRANULAR CHLORINATING COMPOUND per 1,000 gallons of pool water. SANYGEN SUPER SHOCK may also be used for initial superchlorination by following the label directions. The next morning, add SANYGEN CONDITIONER at the rate of 4 oz. per 1,000 gallons of pool water to stabilize the pool water.

SANYGEN GRANULAR CHLORINATING COMPOUND should be added daily or as needed at the rate of 1/8 to 1/4 oz. per 1,000 gallons of pool water to maintain a chlorine residual of 1.0 - 3.0 ppm at all times as determined by a suitable test set. The pH should be maintained between 7.4 - 7.6.

A shock treatment should be made by superchlorinating with an extra dosage of chlorine every week during hot weather or after heavy rains. Less frequent superchlorination may be needed during cool weather. For superchlorination, add 2 oz. SANYGEN GRANULAR CHLORINATING COMPOUND per 1,000 gallons of pool water. SANYGEN SUPER SHOCK may also be used for superchlorination by following the label directions. Swimmers should not be permitted in the water after superchlorination until the chlorine residual has returned to the 1.0 to 3.0 ppm range.

Keep in mind that a slight flexibility must be maintained in the event of heavy bathing loads which require additional dosages as needed to maintain the chlorine residual between 1.0 to 3.0 ppm.

PRECAUTIONARY STATEMENTS

DANGER: HAZARDS TO HUMAN AND DOMESTIC ANIMALS, KEEP OUT OF REACH OF CHILDREN

Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. When handling, wear rubber gloves and goggles or face shield and use only thoroughly clean dry utensils. Irritating to nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. 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 with out previously notifying the local sewage treatment plant authority. For guidance contact your state Water Board or Regional Office of the EPA.

FIRST AID (Practical Treatment):

If Swallowed: Drink large quantities of water. Do not induce vomiting. Call a physician immediately. Probable mucosal damage may contraindicate the use of gastric lavage. If on Skin: Brush off excess chemical and flush skin with cold water for at least 15 minutes. Get immediate medical attention. If Inhaled: Remove person to fresh air. Get immediate medical attention.

PHYSICAL OR CHEMICAL HAZARDS

STRONG OXIDIZING AGENT

Mix only into water. Use clean dry utensils. Do not add this product to any dispensing device containing the remains of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, chlorine gas (and possible fire or explosion). In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood with large volumes of water if necessary.

STORAGE AND DISPOSAL

Keep this product dry in a tightly closed container, when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. In case of decomposition, isolate container (if possible) and flood area with large amounts of water to dissolve all materials before discarding this container. Do not reuse empty container but place in trash collection. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL

EPA Reg. No. 278-50 EPA Est. 278-OH-1

WHEN CONTAINER IS EMPTY, RINSE THOROUGHLY WITH WATER AND DISCARD.

PACKAGED BY MIAMI PRODUCTS & CHEMICAL CO., DAYTON, OHIO 45403

Summary Information For
Product Registration - Section 3
278-50

Registration #: 278-50

Registration Name: SANYGEN GRANULAR CHLORINATING COMPOUND

Company: 278 - MIAMI PRODUCTS & CHEMICAL COMPANY

Current Status: Active - Registered (29-Apr-1974),
Concurrent - Notice Of Intent To Suspend (29-Nov-1993)

Restricted Use: No

Active Ingredients

PC Code	CAS #	Ingredient Name	Percent Active
081407	51580-86-0	Sodium dichloroisocyanurate dihydrate	99
Total Rows: 1			

Organization: AD / RMB2

Team: Antimicrobials Division, Risk Management Team 32
Brennis, Robert (703) 308-6264

Child Resistant Package:

Signal Word: Danger

Physical Form: Granular

Pesticide Category: DISINFECTANT

Label Image: View Label Image

No Inert Ingredients

EPA Home | OPP-Home | Search | Help

Last updated on February 4, 2004, Version 1.4
http://dcopp10gas02:7777/pls/oppina9p

00093

eatment	Maintenance Dosage every 2 weeks
nces	4 1/2 ounces
nces	9 ounces
nces	18 ounces
nces	27 ounces
nces	45 ounces

TIC ANIMALS: CAUTION: Keep out of reach of
and skin irritation. May be harmful if swallowed. Do

ately flush eyes or skin with plenty of water for at
sult a physician. If swallowed, promptly drink large
ysician.

product is toxic to fish. Treated effluent must not be
streams, ponds, or public water. Do not contaminate
osal of wastes.

iner. Wrap and put in trash collection.

EPA EST. NO. 278-OH-1

DUCTS & CHEMICAL CO., DAYTON, OHIO 45403

0 41691 13103 1

00095

Sanygen

CUPROGEN
EPA Reg. #
Specimen label
278-455

cuprogen
algaecide

WARNING:
Keep Out of Reach of Children.
See Side Panel for Additional Precautionary Statements

ONE GALLON

MAR 1 6 2005
PESTICIDE REGULATION

ODA Sample #
050214-3162-01

ACTIVE INGREDIENTS: Copper Sulfate Anhydrous* 5.6%
INERT INGREDIENTS 94.4%
*contains a chelating agent 100.0%

Properly balanced and chlorinated swimming pool water should be clean, clear, and safe. However, there are times when water conditions may allow algae to grow. The proper use of SANYGEN CUPROGEN ALGAECIDE will inhibit the growth of algae and prevent its return when used as directed.

DIRECTIONS: Distribute SANYGEN CUPROGEN ALGAECIDE evenly around pool with the filter operating. Add the amount indicated in the dosage chart. One quart treats 18,000 gallons of swimming pool water.

Apply to a pool free of visible algae. For heavy algae infestations, more drastic treatment, such as superchlorination with SANYGEN SUPER SHOCK may be required to eradicate the algae. Follow all directions for superchlorination on SANYGEN SUPER SHOCK label.

To maintain pools free of visible algae growth, subsequent additions of SANYGEN CUPROGEN ALGAECIDE should be made every 2 weeks after the initial treatment. Refer to the dosage chart for the correct maintenance dosage.

NOTICE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Apply this product only as specified on this label. Buyer assumes all risk of use of this chemical if used contrary to directions.

HOW TO ESTIMATE POOL GALLONAGE: Measure pool length (L), pool width (W), and average depth (D) in feet. For square or rectangular pools, pool gallonage equals L x W x D x 7.5. For round or oval pools, pool gallonage equals L x W x D x 5.9.

DOSAGE CHART

gallons of pool water	Initial Treatment	Maintenance Dosage every 2 weeks
5,000	9 ounces	4 1/2 ounces
10,000	18 ounces	9 ounces
20,000	36 ounces	18 ounces
30,000	54 ounces	27 ounces
50,000	90 ounces	45 ounces

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION: Keep out of reach children. Contact may cause eye injury and skin irritation. May be harmful if swallowed not mix with other chemicals.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for least 15 minutes. If irritation occurs, consult a physician. If swallowed, promptly drink l quantities of milk or water. Consult a physician.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Treated effluent must no discharged where it will drain into lakes, streams, ponds, or public water. Do not contami water by cleaning of equipment of disposal of wastes.

STORAGE AND DISPOSAL

DISPOSAL: Do not reuse empty container. Wrap and put in trash collection.

EPA REG. NO. 278-45

EPA EST. NO. 278-C

MANUFACTURED BY MIAMI PRODUCTS & CHEMICAL CO., DAYTON, OHIO 45

0 41691 131

278-45, PM-23
1/3

SEP 22 1987

Mr. William H. Foche
Miami Products & Chemical Company
P.O. Box 486
Dayton, OH 45401

Dear Mr. Foche:

Subject: Amendment - Updated Formula Statement, Revised Labeling
Cuprogen Algaecide
EPA Registration No. 278-45
Your Submission Dated September 10, 1987

The updated formula statement is acceptable. It is understood that the formula dated September 10, 1987 replaces previously accepted formulas for this product.

The revised labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the following change before releasing the product for shipment bearing the amended labeling:

   - Under Hazards to Humans add the statements:

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

15652:I:Mountfort:MF-1:KEN:O:09/21/87:09/29/87:da:lf:ok

CONCURRENCES

SYMBOL								
SURNAME								
TE								

m 1320-1 (12-70)

OFFICIAL FILE COPY

00099

2. Submit one (1) copy of final printed labeling incorporating the change above.

A stamped copy of labeling is enclosed for your records.

Sincerely yours,

Richard F. Mountfort
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure

ACCEPTED with comment SEP 22 1987 Federal Insecticide, Fungicide, and Rodenticide Act under EPA Reg. No. 278-45

BEST AVAILABLE COPY

Sanygen

cuprogen algaecide

WARNING: Keep Out of Reach of Children. See Side Panel for Additional Precautionary Statements

ONE QUART

ACTIVE INGREDIENT: Copper as elemental*... 2.5%
INERT INGREDIENTS:.....97.5%
*From copper ethylenediaminetetraacetic acid complex 100.0%

Properly balanced and chlorinated swimming pool water should be clear, safe and safe. However, there are times when water conditions may slow specific algae. The proper use of SANYGEN CUPROGEN ALGAECIDE will inhibit the growth of algae and prevent as return when used as directed

DIRECTIONS: Distribute SANYGEN CUPROGEN ALGAECIDE evenly around pool with the filter operating. Add the amount indicated in the dosage chart. One quart treats 18 000 gallons of swimming pool water

Apply to a pool free of visible algae. For heavy algae infestations, more drastic treatment such as superchlorination with SANYGEN SUPER SHOCK may be required to eradicate the algae. Follow all directions for superchlorination on SANYGEN SUPER SHOCK label

To maintain pools free of visible algae growth, subsequent additions of SANYGEN CUPROGEN ALGAECIDE should be made every 2 weeks after the initial treatment. Refer to the dosage chart for the correct maintenance dosage

NOTICE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Apply this product only as specified on this label. Buyer assumes all risk of use of this chemical if used contrary to directions

HOW TO ESTIMATE POOL GALLONAGE: Measure pool length (L), pool width (W), and average depth (D) in feet. For square or rectangular pools, pool gallonage equals L x W x D x 7.5. For round or oval pools, pool gallonage equals L x W x D x 5.9

DOSAGE CHART

gallons of pool water	Initial Treatment	Maintenance Dosage every 2 weeks
5 000	9 ounces	4 ounces
10 000	18 ounces	9 ounces
20 000	36 ounces	18 ounces
30 000	54 ounces	27 ounces
50 000	90 ounces	45 ounces

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: WARNING: Keep out of reach of children. Contact may cause eye injury and skin sensitization in certain individuals. May be harmful if swallowed. Do not mix with other chemicals. Wash thoroughly ... Remove contaminated clothing ...

FIRST AID: In case of contact immediately flush eyes or skin with plenty of water for at least 15 minutes. If irritation occurs, consult a physician. If swallowed, promptly drink large quantities of milk or water. Consult a physician

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Treated effluent must not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment or disposal of wastes

STORAGE AND DISPOSAL

DISPOSAL: Do not reuse empty container. Wrap and put in trash collection

EPA REG NO 278-45 EPA EST NO 278-OH-1

MANUFACTURED BY MIAMI PRODUCTS & CHEMICAL CO., DAYTON, OHIO 45403

ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS, REGISTRATION DIVISION
WASHINGTON, D.C. 20460

CONFIDENTIAL STATEMENT OF FORMULA

(Under the Federal Insecticide, Fungicide and Rodenticide Act)

Form Approved
OMB No. 158-R0066

1. PAGE 1 OF 1 PAGES

IMPORTANT: Read instructions on the reverse before completing form.

2. DATE OF APPLICATION

3. REASON FOR SUBMISSION (Check one)

XX APPLICATION FOR A NEW REGISTRATION | APPLICATION FOR AMENDED OR RENEWAL REGISTRATION | SUBMITTED BY BASIC SUPPLIER (See Instruction C on reverse)

4. NAME AND ADDRESS OF APPLICANT OR REGISTRANT (Include ZIP Code)

Miami Products & Chemical Co.
P.O. Box 486
Dayton, Ohio 45401

5. NAME OF PESTICIDE (Must be same product name as on label. Do not list active ingredients)

Cuprogen

6. EPA REGISTRATION NO./FILE SYMBOL (If known)

278-UL

7. NAME AND MAILING ADDRESS OF BASIC SUPPLIER (If applicable) (Include ZIP Code)

Phelps Dodge Refining Corp.
300 Park Ave.
New York, N.Y. 10022

8. NAME OF INGREDIENT (Product) PROVIDED BY BASIC SUPPLIER FOR WHICH FORMULATION IS UNKNOWN (If any)

Dow Chemical Co.
Midland, Michigan 48640

9. IS THE INGREDIENT (Product) IN ITEM 8 REGISTERED WITH EPA?

YES | XX NO

10. IF YES TO ITEM 9, GIVE REGISTRATION NO.

11. NAME OF EACH ACTIVE AND INERT INGREDIENT USED IN THE FORMULATION (List both the common name and the precise chemical name of each.)

12. PERCENT OF EACH BY WEIGHT

Versene 100 manufactured by Dow Chemical Co.	37.3
Copper Sulfate pentahydrate manufactured by 024401 Phelps Dodge Refining Corp. EPA #1278-5	8.7
Water 800001	54.0
	100.00

CHECK IF CONTINUED ON ATTACHMENT(S)

ALL INGREDIENTS LISTED IN ITEM 11 ABOVE AND ON ADDITIONAL PAGES MUST TOTAL 100%

13. SIGNATURE OF AUTHORIZED FIRM REPRESENTATIVE

William A. [illegible]

14. TITLE AND FIRM NAME

President - Miami Products & Chemical Co.

15. DATE SIGNED

March 5, 1974

16. RECEIVED BY EPA-OFFICE OF REGISTRATION DIVISION, WASHINGTON, D.C. 20460

RECEIVED
15 MAR 1974
Pesticides Regulation
Division, EPA

EPA FORM 8570-4 (1-73) REPLACES PR FORM 9-196 WHICH MAY NOT BE USED.

INSTRUCTIONS

NOTE: Use a separate form for each Formulation.

Applicant - keep the second copy for your files and forward the original to EPA or follow the instructions in "C" below.

A. The complete chemical composition of each pesticide must be known so it can be evaluated for registration under the Federal Insecticide, Fungicide and Rodenticide Act. This information is also necessary to determine the status of ingredients, both active and inert, under the Pesticide Chemicals Amendment to the Federal Food, Drug and Cosmetic Act.

B. This form is designed for reporting the ingredients used in the formulation of a pesticide. Its use will speed the review. It must be completed and submitted with each EPA Form 8570-1, Application For New Registration Of A Pesticide, or with each EPA Form 8570-2, Application For Amended Registration Of A Pesticide, if revision involves a formula change, or with each EPA Form 8570-3, Application For Renewal Registration Of A Pesticide.

C. If the complete chemical composition of formulated ingredients, either active or inert, used in this product's formulation is not known to you, send a separate set of these forms for each ingredient to your Basic Supplier. When you do this, it is important that you first fill in items 2 thru 8 so that we may positively identify the supplier's product with your pesticide. The Basic Supplier is then requested to complete items 1, and 9 thru 15, and submit the form to this Division. This statement is treated confidentially. It cannot be used to support a customer's (formulator's) application for subsequent registration without written authorization from the Basic Supplier.

ITEM No.

1. If more than 1 page is required, number them "1 of 2", "1 of 3", etc.
2. Enter the same date as the Application.
3. Read instruction "B" above.
4. Enter the name and address of your firm.
5. Enter the product name of this pesticide as it will appear on the finished label.
6. Enter the EPA Registration Number or File Symbol if known.
7. Complete if required by instruction "C" above.
8. Complete if required by instruction "C" above.
9. Completed only by Basic Supplier.
10. Completed only by Basic Supplier.
11. List first all active ingredients then the inert ingredients each in the exact order as they will appear on the finished label. When a formulated product is listed in the formula, name its basic manufacturer and give its EPA Registration No., if known, in parenthesis following the name of the product. (Also see instruction "C" above.) The trade name and manufacturer of surfactants and other adjuvants (dyes, emulsifiers, solvents, perfumes) must be listed. The complete chemical composition of emulsifiers and surfactants must be listed. Enclose the manufacturer's name in parenthesis following the product listed by trade name. (Also see instruction "C" above.) If a dye or other coloring is used, state the color.
12. Enter the percentage by weight of each active and inert ingredient beside the ingredient to which it applies. The percentages by weight for the active ingredients must agree with those appearing in the ingredient statement on the label. The sum of all percentages listed must equal 100 percent.
13. Self explanatory.
14. Self explanatory.
15. Self explanatory.

278-41

REGISTRANT:

NAME: MIAMI PRODUCTS & CHEMICAL CO.

ADDRESS: 520 LONOKE STREET
DAYTON, OHIO 45403

BRAND NAME: CUPROGEN

INGREDIENTS:

ACTIVE:	DISODIUM COPPER SALT OF ETHYLENE DIAMINETETRA - ACETIC ACID	18.25%
INERT:	WATER	81.75%
		100.00%

FORMULATION PROCEDURE:

80 lbs. COPPER SULPHATE

344 lbs. LIQUID VERSENE 100

WATER TO MAKE 100 GALLONS

024401
839107 ?
800001

VERSENE IS MANUFACTURED BYN THE DOWCHEMICAL CO.

9lbs 3oz per gallon Cuprogen

15-3-00

NB2-N

00105

ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS, REGISTRATION DIVISION
WASHINGTON, D.C. 20460

CONFIDENTIAL STATEMENT OF FORMULA

(Under the Federal Insecticide, Fungicide and Rodenticide Act)

Form Approved
OMB No. 158-R0066

1. PAGE 1 OF 1 PAGES

IMPORTANT: Read instructions on the reverse before completing form.

2. DATE OF APPLICATION: 12-7-73

3. REASON FOR SUBMISSION (Check one)

	APPLICATION FOR A NEW REGISTRATION		APPLICATION FOR AMENDED OR RENEWAL REGISTRATION	X	SUBMITTED BY BASIC SUPPLIER (See Instruction C on reverse)

4. NAME AND ADDRESS OF APPLICANT OR REGISTRANT (Include ZIP Code)

Miami Products & Chemical Co.
P. O. Box 486
Dayton, Ohio 45401

5. NAME OF PESTICIDE (Must be same product name as on label. Do not list active ingredients)

Cuprogen

6. EPA REGISTRATION NO./FILE SYMBOL (If known)

278-UL

7. NAME AND MAILING ADDRESS OF BASIC SUPPLIER (If applicable) (Include ZIP Code)

The Dow Chemical Company
P. O. Box 1706
Midland, MI 48640
Attn: (Miss) Margaret L. Wulf

8. NAME OF INGREDIENT (Product) PROVIDED BY BASIC SUPPLIER FOR WHICH FORMULATION IS UNKNOWN (If any)

Versene 100 (Liquid)

9. IS THE INGREDIENT (Product) IN ITEM 8 REGISTERED WITH EPA?

[ ] YES [X] NO

10. IF YES TO ITEM 9, GIVE REGISTRATION NO.

11. NAME OF EACH ACTIVE AND INERT INGREDIENT USED IN THE FORMULATION (List both the common name and the precise chemical name of each.)

12. PERCENT OF EACH BY WEIGHT

ACTIVE INGREDIENT:

839107

Tetrasodium salt of ethylenediamine tetraacetic acid . . . 39.0

INERT INGREDIENTS: 61.0

Water 54.0%
Sodium glycolate. 2.5%
Sodium hydroxide. 2.0%
Mixture of disodium salt of ethylenediamine diacetic acid and trisodium salt of ethylenediamine triacetic acid. 1.5%
Trisodium salt of nitrilotriacetic acid 1.0%

R 17356

[ ] CHECK IF CONTINUED ON ATTACHMENT(S)

ALL INGREDIENTS LISTED IN ITEM 11 ABOVE AND ON ADDITIONAL PAGES MUST TOTAL 100%

13. SIGNATURE OF AUTHORIZED FIRM REPRESENTATIVE: Margaret L. Wulf

14. TITLE AND FIRM NAME: Reg. Specialist, The Dow Chemical Company

15. DATE SIGNED: Dec. 21, 1973

16. RECEIVED BY EPA-OPP, REGISTRATION DIVISION, WASHINGTON, D.C.

RECEIVED JAN 17 1974

EPA FORM 8570-4 (1-73) REPLACES PR FORM 8-196 WHICH MAY NOT BE USED.

Confidential Business Information: Does Not Contain National Security Information (E.O. 12065)

Form Approved. OMB No. 2070-0483. Approval expires 9-30-87

EPA

United States Environmental Protection Agency
Office of Pesticide Programs (TS-767)
Washington, DC 20460

Confidential Statement of Formula

A. ☐ Basic Formulation ☐ Alternate Formulation

B. Page 1 of 1

See Instructions on Back

1. Name and Address of Applicant/Registrant (Include ZIP Code)

Miami Products & Chemical Co.
P.O. Box 486
Dayton, Ohio 45401

2. Name and Address of Producer (Include ZIP Code)

Miami Products & Chemical Co.
P.O. Box 486
Dayton, Ohio 45401

3. Product Name: CUPROGEN Swimming Pool Algaecide

4. Registration No./File Symbol: 278-45

5. EPA Product Mgr./Team No.: 23

6. Country Where Formulated: U.S.A.

7. Pounds/Gal or Bulk Density: 8.5 lbs/gal.

8. pH: 10.9

9. Flash Point/Flame Extension: N.A.

EPA USE ONLY	10. Components in Formulation (List as actually introduced into the formulation. Give commonly accepted chemical name, trade name, and CAS number.)	11. Supplier Name & Address	12. EPA Reg. No.	13. Each Component in Formulation: a. Amount	b. % in Weight	14. Certified Limits % by Weight: a. Upper Limit	b. Lower Limit	15. Purpose in Formulation
	Copper Sulfate 99% (pentahydrate) (25.2% Cu)	Tennessee Chemical Co.	1109-19	615 lbs	10	10.5	10	algaecide
139107 (Na)	Versene 100 (liquid) Sodium salt of Ethylenediaminetriacetic acid	Dow Chemical	-	2,400 lbs	39%	41.0	39	chelating agent
800001	Water			3,138 lbs	51%	51.0	49.5	solvent

16. Typed Name of Approving Official: William H. Focke

17. Total Weight: 6,153 lbs 100%

18. Signature of Approving Official: William H. Focke

19. Title: Registration Manager

20. Phone No. (Include Area Code): 513-293-0277

21. Date: 7/10/87

EPA Form 8570-4 (Rev. 2-85) Previous editions are obsolete.

Original and second copy to EPA. Third copy to Applicant.

00107

CONFIDENTIAL BUSINESS INFORMATION - DOES NOT CONTAIN NATIONAL SECURITY INFORMATION (E.O. 12065)

Form Approved
OMB No. 2000-0483
Approval expires 7-31-84

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDE PROGRAMS (TS-767)
WASHINGTON, D.C. 20460

CONFIDENTIAL STATEMENT OF FORMULA

XX BASIC FORMULATION
☐ ALTERNATE FORMULATION

A

See instructions on back of last page.

1. NAME AND ADDRESS OF APPLICANT/REGISTRANT (Include ZIP Code)

Miami Products & Chemical Co.
P.O. Box 486
Dayton, Ohio 45401

2. PAGE 1 OF 1

3. REGISTRATION NUMBER/FILE SYMBOL: 278-45

4. PRODUCT MANAGER: Mountford

5. PRODUCT NAME: Cuprogen Swimming Pool Algaecide

6. NAME AND ADDRESS OF PRODUCER (Include ZIP Code)

Miami Products & Chemical Co.
P.O. Box 486
Dayton, Ohio 45401

7. WEIGHT/GALLON DENSITY: 10.4 lbs/gallon

8. pH: 10.9

9. FLASH POINT/FLAME EXTENSION: N/A

10. COUNTRY WHERE FORMULATED: United States of America

COMMERCIAL COMPONENT (List each as actually introduced into this formulation. Give Trade Name (if any), Name of Supplier, and EPA Registration Number if applicable.)	12. SUPPLIER	13. EPA REG. NO.	14. WEIGHT OF EACH COMPONENT*	15. PERCENT BY WEIGHT	16. PURPOSE IN FORMULATION
Copper Sulfate (pentahydrate) 992. (25.2% copper)	Tennessee Chemical Co.	1109-19	615 lbs	10%	algaecide
839107 chm Versene 100 (liquid) Tetra Sodium salt of Ethylenediaminetra-acetic acid	Dow Chemical	-	2,400 lbs	39%	chelating agent
80000/ Water			3,138 lbs	51%	solvent

*If liquid measure, give specific gravity or pounds per gallon.

17. TOTAL WEIGHT OF BATCH: 6,153 lbs — 100.00%

18. TYPED NAME OF APPROVING OFFICIAL: William H. Focke

19. TITLE: registration mgr.

20. TELEPHONE NO. (Include area code): 513-253-8927

21. DATE: June 15, 1987

80108

EPA Form 8570-4 (Rev. 10-81) PREVIOUS EDITION IS OBSOLETE.

ORIGINAL COPY TO EPA
APPLICANT RETAINS SECOND COPY