

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 5741-21	DATE OF ISSUANCE OCT 14 1987
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT CDC-10.	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

┌
 Spartan Chemical Company, Inc.
 110 North Westwood Avenue
 Toledo, OH 43607
 └

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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) 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:

a. Add the phrase "EPA Registration No. 5741-21."

b. Revise the organism (front panel):

Influenza Type A/Hong Kong

to read:

Influenza Type A₃/Hong Kong.

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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

2/10

-2-

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 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

3/10

CDC-10 PROPOSED LABEL COPY

Revised 8-17-87

Front Label Copy

Block "S" logo with R
CDC-10 TM
Clinging Disinfectant Clearer.

Foaming Clinging Action
Kills Germs in Five Minutes!

Bactericidal/Fungicidal*/Virucidal**

*Kills athlete's foot fungi, Trichophyton mentagrophytes.
**Kills Herpes Simplex Type 2 and Influenza Type A₃/Hong Kong viruses.

RTU Handi Spray TM (QUART COPY ONLY)

ACTIVE INGREDIENTS:

n-alkyl (C₁₄-50%, C₁₂-40%, C₁₆-10%)
dimethyl benzyl ammonium chlorides.....0.24%
octyl decyl dimethyl ammonium chloride...0.18%
dioctyl dimethyl ammonium chloride.....0.09%
didecyl dimethyl ammonium chloride.....0.09%
INERT INGREDIENTS.....99.40%

EPA Reg. No. 5741-
EPA Est. No. 5741-OH-1

KEEP OUT OF REACH OF CHILDREN
DANGER
See back panel for additional
precautionary statement.

NET CONTENTS: 1 Quart/0.946 Liters
NET CONTENTS: 1 U.S. Gallon/3.79 Liters
NET CONTENTS: 5 U.S. Gallons/18.9 Liters

Spartan Chemical Co., Inc., 110 N. Westwood Ave., Toledo, Ohio 43607

ACCEPTED
WITH COMMENTS
in letter dated

OCT 14 1987

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

5741-21

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Back Label Copy

CDC-10
Clinging Disinfectant Cleaner
RTU Handi-Spray TM

CDC-10 is a ready-to-use clinging foam formulation designed for quick cleaning and disinfecting of walls, partitions, shower stalls, door knobs and other similar hard non-porous surfaces.

CDC-10 is recommended for use in hospitals, schools, hotels or any other commercial, industrial or institutional facility where a clean and sanitary environment is important.

Directions for Use:

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

Five-Minute Disinfectant Action:

For quick five-minute disinfectant activity against bacteria and viruses** in the presence of organic soil:

- 1) Spray area with undiluted CDC-10 until surface is covered with foam.
- 2) Allow the product to wet surface for five minutes.
- 3) Wipe off with a clean damp cloth or sponge. On chrome, stainless steel or glass, rinse with water.

Preliminary cleaning is required for heavily soiled surfaces.

ACCEPTED
COMMENTS
EPA REG. NO.

For fungicidal* activity:

- 1) Spray pre-cleaned surface with undiluted CDC-10.
- 2) Allow product to wet surface for five minutes.
- 3) Wipe off with a clean damp cloth or sponge.

OCT 14 1987

Product Name: CDC-10
EPA Reg. No. 7460-10-01
Net Content: 1.06 gal (40 fl oz)
Net Weight: 11.5 lb (5.2 kg)
Distributor: ...

CDC-10 retains its disinfectant activity even when diluted!

574-21

1:10 Bactericidal Activity:

- 1) Apply CDC-10 at 13 oz. per gallon of water (1:10) with a foam gun, mop or cloth.
- 2) Scrub and allow product to wet surface for 10 minutes.
- 3) Rinse thoroughly with water.

Preliminary cleaning is required for heavily soiled surfaces.

<p>PRECAUTIONARY STATEMENTS</p> <p>Hazard to Humans and Domestic Animals</p> <p>DANGER</p> <p>Keep out of reach of children. Corrosive. Causes eye and skin damage. Do not get in eyes, skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling.</p> <p>STATEMENT OF PRACTICAL TREATMENT</p> <p>In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink milk, egg white, gelatin solution, or if these are not available, drink large quantities of water. Call a physician.</p> <p>NOTE TO PHYSICIAN</p> <p>Probable mucosal damage may contraindicate the use of gastric lavage.</p>

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STORAGE AND DISPOSAL

(Quarts and Gallons Only:)

Do not reuse empty container. Wrap container and put in trash.

(5 Gallon Pail:)

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

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 - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke.

(55-Gallon Size:)

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

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 instruction, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Container Disposal - 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.

Guarantee: Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit. Use product as directed and read all precautionary statements.

ISSA logo
C SCC1987

Spartan Chemical Company, Inc.
110 N. Westwood Avenue
Toledo, OH 43607

ACCEPTED
with COMMENTS
in EPA Letter District

OCT 14 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
registered under the Pesticide
Registration Act, EPA Reg. No.
5741-21

6/10

CDC-10 PROPOSED LITERATURE COPY

Revised 8-17-87

Front Side Copy

Block "S" logo with R

CDC-10 TM
Clinging Disinfectant Cleaner

CDC-10 is a ready-to-use disinfectant compound featuring clinging foam to promote excellent cleaning performance.

Kills Germs in Five Minutes!

CDC-10 is an efficient disinfectant with aggressive bactericidal, fungicidal* and virucidal** components. CDC-10 destroys germs fast and effectively.

E.P.A. Reg. No. 5741-
E.P.A. Est. No. 5741-GH-1

Foamy, Clinging Action:

CDC-10 clings to vertical surfaces providing longer contact time for quicker cleaning and degreasing.

Versatile:

CDC-10 is an effective disinfectant, cleaner, degreaser and deodorizer. Use CDC-10 on most washable surfaces such as walls, partitions, vinyl, chrome, stainless steel, formica, fiberglass, porcelain and ceramic.

Packaged for Convenience and Economy:

Ready to use. Trigger sprayer fits quart for quick and easy application. Drum sizes available for maximum economy.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 14 1987

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

5741-21

7/10

Back Side Copy

CDC-10: The disinfectant with foamy, clinging action for quick cleaning and degreasing!

Directions for Use:

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

Five-Minute Disinfectant Action:

For quick five-minute disinfectant activity against bacteria and viruses in the presence of organic soil:

- 1) Spray area with undiluted CDC-10 until surface is covered with foam.
- 2) Allow the product to wet surface for five minutes.
- 3) Wipe off with a clean damp cloth or sponge. On chrome, stainless steel or glass, rinse with water.

Preliminary cleaning is required for heavily soiled surfaces.

For fungicidal activity:

- 1) Spray pre-cleaned surface with undiluted CDC-10.
- 2) Allow product to wet surface for five minutes.
- 3) Wipe off with a clean damp cloth or sponge.

CDC-10 retains its disinfectant activity even when diluted!

1:10 Bactericidal Activity:

- 1) Apply CDC-10 at 13 oz. per gallon of water (1:10) with a foam gun, mop or cloth.
- 2) Scrub and allow product to wet surface for 10 minutes.
- 3) Rinse thoroughly with water.

Preliminary cleaning is required for heavily soiled surfaces.

SPECIFICATION DATA:

ACTIVE INGREDIENTS:

n-alkyl (C₁₄-50%, C₁₂-40%, C₁₆-10%)
 dimethyl benzyl ammonium chlorides.....0.24%
 octyl decyl dimethyl ammonium chloride...0.18%
 dioctyl dimethyl ammonium chloride.....0.09%
 didecyl dimethyl ammonium chloride.....0.09%
INERT INGREDIENTS.....99.40%

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

5741-21

Specific Gravity - 1.03

Density - 8.51 pounds per gallon

pH - 12.0

Miscibility - Completely miscible in all proportions with hot or cold water

Viscosity - 70 cps

Color - Blue

Flash Point - None

Cloud Point - None to boiling

Stability -

a. Shelf @ 24°C/75°F - one year minimum

b. Freeze/thaw - three cycles

Contains biodegradable surfactants.

EPA Reg. No. 5741-

EPA Est. No. 5741-OH-1

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Quick Disinfectant Action!

CDC-10 is Bactericidal in five minutes: When applied undiluted, CDC-10 is a proven one-step disinfectant in the presence of organic soil. Test method: AOAC Use-Dilution test modified per EPA's DIS/TSS-2 for organic soil load.

Test Conditions: 5% blood serum, 5 minute contact time							
Sample	Staphylococcus aureus ATCC 6538		Pseudomonas aeruginosa ATCC 15442		Salmonella choleraesuis ATCC 10708		
	Tubes Tested	Tubes Showing Growth	Tubes Tested	Tubes Showing Growth	Tubes Tested	Tubes Showing Growth	
1	60	0	60	0	60	0	
2	60	0	60	1	60	0	
3	60	1	60	0	60	0	

CDC-10 is Fungicidal* in five minutes: When applied undiluted to a pre-cleaned surface, CDC-10 kills the pathogenic fungus which causes athlete's foot, Trichophyton mentagrophytes. Test Method: AOAC Fungicidal Test Par. 4.015-4.019.

Trichophyton mentagrophytes ATCC 9533				
Sample	Dilution	Primary Subculture		
		5 minutes	10 minutes	15 minutes
1	none	-	-	-
2	none	-	-	-
Phenol Resistance		1:65	+ = growth, - = no growth	

CDC-10 is Virucidal in five minutes:** When applied undiluted, CDC-10 kills the pathogenic viruses, Herpes simplex type 2 and Influenza Type A₃/Hong Kong in the presence of organic soil.

CDC-10 Undiluted Test run with 5% blood serum		
Sample	Herpes simplex type 2 Results	Influenza Type A ₃ /Hong Kong Results
1	Shown Effective	Shown Effective
2	Shown Effective	Shown Effective

ACCEPTED
with COMMENTS
in EPA Letter D-3-87

OCT 14 1987

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

5791-27

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CDC-10 retains its activity when diluted!

CDC-10, diluted at 13 oz. per gallon of water (1:10) is a proven one-step disinfectant in the presence of organic soil. Test Method: AOAC Use Dilution test modified per EPA's DIS/TSS-2 for organic soil load.

Test Conditions: 5% blood serum, 1:10 Dilution 10 minute contact time						
Sample	Staphylococcus aureus ATCC 6538		Pseudomonas aeruginosa ATCC 15442		Salmonella choleraesuis ATCC 10708	
	Tubes Tested	Tubes Showing Growth	Tubes Tested	Tubes Showing Growth	Tubes Tested	Tubes Showing Growth
1	60	0	60	0	60	0
2	60	0	60	0	60	0
3	60	0	60	0	60	0

PRECAUTIONARY STATEMENTS
Hazard to Humans and Domestic Animals
DANGER

Keep out of reach of children. Corrosive. Causes eye and skin damage. Do not get in eyes, skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling.

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. Remove and wash all contaminated clothing before reuse. If swallowed, drink milk, egg white, gelatin solution, or if these are not available, drink large quantities of water. Call a physician.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **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 instruction, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Container Disposal: 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.

APPLICANTS
with COMMENTS
in EPA Letter Dated:

OCT 14 1987

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

5791-21

10/10

Packaging: Spartan's CDC-10 is available in attractive 55, 30 and 15-gallon drums.

Guarantee: Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit. Use product as directed and read all precautionary statements.

Ellipse logo

ISSA logo
C SCC1987

Spartan Chemical Company, Inc.
110 N. Westwood Avenue
Toledo, OH 43607

Distributed by:

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 14 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
Registration for the pesticide
has been granted under EPA Reg. No.

5741-21