

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20480

EPA REGISTRATION NO.
1730-86

DATE OF ISSUANCE
SEP 13 1989

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

TERM OF ISSUANCE
Until Reregistered

NAME OF PESTICIDE PRODUCT
Maxforce Roach Control System
Formula 18493

10610
PM15
1730-
86

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

American Cyanamid Company
17 Prince St
Boston, MA 02115

169 22582
18 2

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.

BEST AVAILABLE COPY

SIGNATURE OF APPROVING OFFICIAL

2/10

- d. On the package insert delete the paragraph under, "Why Maxforce?" and the second paragraph under the heading, "Where can Maxforce be used?" Non-specific terminology or comparative words with respect to other products and/or words or phrases implying that a product possess unique characteristics because of its composition are not acceptable.

3. A 1-year storage stability study conducted at ambient room temperature is required. In addition, specify what type of container is used for storage stability data at ambient room temperature and at elevated temperatures. If product containers are used in this study, please note any degradation of the containers.

4. 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 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.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosures

30810



American Cyanamid Company
697 Route 46
Clifton, NJ 07015
EPA Reg. No. 1730-

American Cyanamid Company
Shulton Research Division
697 Route 46
Clifton, NJ 07015
(201) 365-6000

SMALL ROACHES
FRONT CARTON LABEL

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 13 1989

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

1730-86

MAXFORCE[®]

Insecticide

ROACH CONTROL SYSTEM Formula 18493

FOR USE IN COMMERCIAL, INDUSTRIAL
AND RESIDENTIAL AREAS

Active Ingredient:

| | |
|--|-------|
| Hydramethylnon (tetrahydro-5, 5-dimethyl-2 (1H)-pyrimidinone (3-[4-(trifluoromethyl)phenyl]- 1-(2-[4-(trifluoromethyl)phenyl]ethenyl)-2- propenylidene)hydrazone) | 0.9% |
| Inert Ingredients | 99.1% |

CAUTION:
KEEP OUT OF REACH OF CHILDREN
(Directions and Cautions on Back)

CONTAINS:
72 Child-Resistant Bait Trays



American Cyanamid Company
Household Products
Wayne, NJ 07470

EPA Reg. No. 1730-
EPA Est. No. 1730-NR-01
Product Code 24963-02

Total Net Weight: 3.81 oz. (108g)



American Cyanamid Company
Shulton Research Division
697 Route 48
Clifton, NJ 07015
(201) 365 6000

SMALL ROACHES

SIDE CARTON LABEL

BEST AVAILABLE COPY



ROACH CONTROL SYSTEM Formula 18493

MAXFORCE insecticide may be used for the control of cockroaches in any area where cockroaches are a problem, such as residential, warehousing and commercial establishments, including food service, food manufacturing and food processing facilities, hospitals, laboratories, computer facilities, pet shops, zoos, buses, boats and trains. MAXFORCE Roach Control System has an odorless bait that roaches eat even in the presence of other foods and is packaged in a child-resistant bait tray.

DIRECTIONS FOR USE

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

1. Break bait trays away from the plastic frame and place MAXFORCE in areas where cockroaches have been seen and where they hide. Cockroaches infest dark, warm, damp locations.
2. The stickers provided in the box can be used to attach MAXFORCE to vertical surfaces if desired.
3. For effective roach control use 4-6 bait trays per 100 square feet of horizontal surface area. Place adjacent to walls and flush in corners.
4. Do not spray the bait trays. Avoid placing the bait trays on freshly sprayed surfaces.
5. Roaches will begin eating the bait immediately and you should expect to see fewer roaches within two weeks.
6. Replace all trays every 3 months for continual control of cockroaches. The date of bait tray application can be indicated on the stickers provided for each tray.

PRECAUTIONARY STATEMENTS:

CAUTION HAZARDS TO HUMANS May be harmful if swallowed

STATEMENT OF PRACTICAL TREATMENT If swallowed, drink two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. In case of emergency, call collect, day or night, 201-835-3100.

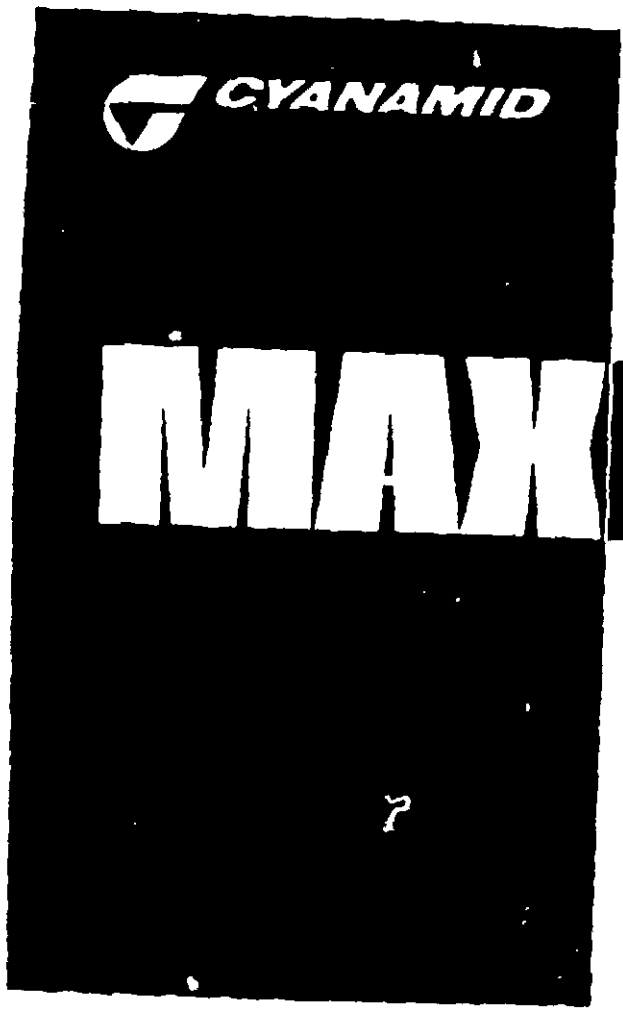
STORAGE AND DISPOSAL Do not contaminate water, food or feed by storage or disposal. Do not remove baits from container. Wrap used containers and put in a garbage can.

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American Cyanamid Company
Shulton Research Division
697 Route 48
Clifton, NJ 07015
(201) 365 6000

SMALL ROACHES
SIDE CARTON LABEL



MAXFORCE
insecticide
ROACH CONTROL SYSTEM *Formula 18403*



American Cyanamid Company
Shulton Research Division
697 Route 48
Clifton, NJ 07015
(201) 365-6000

SMALL ROACHES

PACKAGE INSERT

BEST AVAILABLE COPY

MAXFORCE[®]

ROACH CONTROL SYSTEM™

MAXFORCE Roach Control System is a basic tool to incorporate in any cockroach control program. MAXFORCE is the no nonsense product - no odor, no vapor, no mixing, no preparation. Your key to success is how you use it.

How does MAXFORCE work?

Cockroaches approach and enter the bait tray in their search for food. They find and feed on the bait. A single feeding will cause death within 24 to 48 hours. Because the bait does not kill the cockroaches instantly, you will continue to see them move about until the bait starts to take effect. They will then become lethargic and show little or no movement before dying. Most of the cockroaches killed by MAXFORCE die with their feet down and back end up, while cockroaches dying from most other pesticides die on their sides.

How do I know how many bait trays to put out?

The label calls for 4-6 bait trays per 100 square feet of horizontal surface area, including shelf and floor space. From a practical standpoint you can use the following rule of thumb: place at least one bait tray on each set of shelves where cockroaches can readily move from one shelf to another. For each isolated group of shelves or drawers, you need at least one separate placement. If you find a very heavy population of cockroaches, then increase the number of MAXFORCE bait trays used.

Will MAXFORCE replace the need to use all my other materials?

While MAXFORCE is highly effective when used alone, individuals do not always want to wait 24 to 48 hours before seeing a significant number of dead cockroaches. You may wish to use conventional means to get the initial decrease of the cockroach population. However, there are numerous situations where, even on the initial cleanout, you will want to use MAXFORCE - e.g. a closet not properly prepared for residual sprays, areas outside or adjacent to TVs, radios, computers or other sensitive instruments, near a fish tank, etc. If MAXFORCE Roach Control System is used in conjunction with a spray, do not spray the bait trays or place them on freshly sprayed surfaces. In any situation, placement of MAXFORCE Roach Control System with or without initial spray assures you of three months trouble-free control.

Why MAXFORCE?

For many years the structural pest control industry has had a need for a non-volatile and non-odorous bait that works well on cockroaches. MAXFORCE satisfies that need.

Where can MAXFORCE be used?

MAXFORCE can be used in any area where cockroaches are a problem. This includes homes, restaurants, hotels, buses, trains, ships, food processing facilities, hospitals, and nursing homes.

Because it has no odor and is non-volatile, MAXFORCE Roach Control System can be used in areas where spray vapors could create a problem - animal research facilities, zoos, laboratories, pet shops, areas occupied by asthmatics or other sensitive people and computer facilities.

PRACTICAL TIPS ON THE USE OF MAXFORCE[®] ROACH CONTROL SYSTEM™

1. Inspect premises to determine the general locality of the cockroach infestation. Ask the people working or living on the premises where they have seen cockroaches. They can help determine ideal areas for placement of MAXFORCE bait trays.

2. In areas where cockroaches have been seen, place bait trays on the floor near walls, on shelves, in cabinets, and particularly under sinks, and near stoves and refrigerators. The enclosed double-sided tape can be used to attach bait trays to surfaces out of the reach of children and pets. Keep the bait trays away from open food. If possible, avoid placing stickers on valuable painted or plastered surfaces. It is possible that removal of stickers may slightly deface these surfaces.



3. Place bait trays within all areas where cockroaches are sighted. In many situations, vertical placement of bait trays can maximize effectiveness. If cockroaches are harboring above a doorway or behind a pipe collar leading into a wall, MAXFORCE will work best if you tape the bait tray vertically close to where the cockroaches are found. MAXFORCE is packaged with double-sided tape to aid in such placements.



The bait trays can be placed horizontally in locations such as closets, cabinets and suspended ceilings.

4. Place MAXFORCE near areas where cockroach fecal material exists. Even if no problem currently exists, it is a likely area for future cockroaches. It is the odor from these "focal fecal points" that attracts new cockroaches. By placing the bait tray nearby, you eliminate the cockroaches before they have a chance to infest the area.

5. Never spray the bait trays and avoid placing them on freshly sprayed surfaces. Bait trays that have been sprayed repel cockroaches, reducing the efficacy of MAXFORCE.

6. When the source of a persistent pocket of cockroaches cannot be located, use sticky traps to help determine the source area. Place 2 or 3 sticky traps in each potential source area. As long as you place MAXFORCE within the cockroaches' feeding area, the bait tray will work.

7. Follow label directions for flexibility in the number of bait tray placements to utilize in a room. The number used will vary with the amount of shelf, closet and floor space with placements concentrated where there is a source of food/water.

Record location of each bait tray and replace every 2-3 months. The date of bait tray installation can be indicated on the stickers provided for each tray. Dispose by wrapping and putting in the trash.



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Household Products
Wayne, NJ 07470

706 10



American Cyanamid Company
Shulton Research Division
697 Route 48
Clifton, NJ 07015
(201) 365-6000

LARGE ROACHES

FRONT CARTON LABEL

BEST AVAILABLE COPY

MAXFORCE

INSECTICIDE

ROACH CONTROL SYSTEM Formula 18493

For *Large* Roaches

(American roaches, Oriental roaches and Palmetto bugs)

FOR USE IN COMMERCIAL, INDUSTRIAL
AND RESIDENTIAL AREAS

| | |
|--|--------|
| Active Ingredient: | |
| Hydramethylnon (tetrahydro-5, 5-dimethyl-2 (1 <i>H</i>)-pyrimidinone (3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene)hydrazone) | 0.9 % |
| Inert Ingredients | 99.1 % |

CAUTION:
KEEP OUT OF REACH OF CHILDREN
(See Directions and Cautions on Back)

CONTAINS:
24 Child-Resistant Bait Trays

CYANAMID
©1988 American Cyanamid Company
Household Products
Wayne, NJ 07479

Total Net Weight 6.34 oz. (180g)

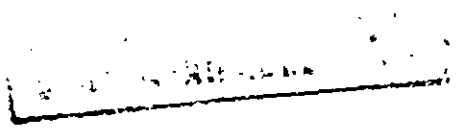
EPA Reg. No. 1730-
EPA Est. No. 1730-AMB-01
Product Code 48800AA



American Cyanamid Company
Shulton Research Division
697 Route 40
Clifton, NJ 07015
(201) 365-6000

LARGE ROACHES

SIDE CARTON LABEL



ROACH CONTROL SYSTEM

For *Large* Roaches

(American roaches, Oriental roaches and Palmetto bugs)

MAXFORCE Roach Control System For Large Roaches is an insecticide specially designed for large cockroaches, waterbugs and palmetto bugs. It may be used for the control of cockroaches in any area where large cockroaches are a problem, such as residential, warehousing and commercial establishments, including food service, food manufacturing and food processing facilities, hospitals, laboratories, computer and electronic equipment facilities, pet shops, zoos, basements, buses, boats and trains. The product has an odorless bait that cockroaches eat even in the presence of other foods and is packaged in a child-resistant bait tray.

DIRECTIONS FOR USE

- It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
1. Break bait trays away from the plastic frame and place MAXFORCE in areas where large cockroaches have been seen and where they hide. Large cockroaches hide near or in floor drains and other exposed plumbing fixtures, near basement windows and doors, sewers, steam tunnels, and where food is prepared and stored.
 2. The stickers provided in the box can be used to attach MAXFORCE to vertical surfaces if desired.
 3. For effective roach control use 2-3 bait trays per 100 square feet of horizontal surface area. Place adjacent to walls and flush in corners.
 4. Do not spray the bait trays. Avoid placing the bait trays on freshly sprayed surfaces.
 5. Roaches will begin eating the bait immediately and you should expect to see fewer roaches within two weeks.
 6. Replace all trays every 3 months for continual control of large cockroaches. The date of bait tray installation can be indicated on the stickers provided for each tray.

PRECAUTIONARY STATEMENTS:

CAUTION: HAZARDS TO HUMANS: May be harmful if swallowed.

STATEMENT OF PRACTICAL TREATMENT: If swallowed, drink two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. In case of emergency, call collect, day or night, 201-835-3100.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Do not remove baits from container. Wrap used containers and put in a garbage can.

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any

LARGE ROACHES

SIDE CARTON LABEL

FORCE[®]
insecticide



ROACH
CONTROL
SYSTEM Formula TR843

Large Roaches

(American roaches, Oriental roaches and Palmetto bugs)



American Cyanamid Company
Shulton Research Division
597 Route 48
Clifton, NJ 07015
(201) 365 6000

LARGE ROACHES

PACKAGE INSERT

BEST AVAILABLE



ROACH CONTROL SYSTEM™

For *Large Roaches*

(American roaches, Oriental roaches and Palmetto bugs)

MAXFORCE Roach Control System For Large Roaches is a basic tool to incorporate in any cockroach control program. MAXFORCE is the no nonsense product - no odor, no vapor, no mixing, no preparation. Your key to success is how you use it.

How does MAXFORCE For Large Roaches work?

Cockroaches approach and enter the bait tray in their search for food. They find and feed on it a bait. A single feeding will cause death within 48 to 96 hours. Because the bait does not kill the roaches instantly, you will continue to see them move about until the bait starts to take effect.

They will then become lethargic and show little or no movement before dying. Most of the cockroaches killed by MAXFORCE die with their head down and back end up, while cockroaches dying from most other pesticides die belly up.

How do I know how many bait trays to put out?

Because small and large cockroaches exhibit different foraging behavior, only a few of the large bait trays are needed to control large cockroaches, including American roaches, oriental roaches and Palmetto bugs. The label for MAXFORCE For Large Roaches calls for 2-3 bait trays per 100 square feet of horizontal surface area including shelf and floor space. Place adjacent to walls and flush in corners. For effective control of large cockroaches, the bait trays must be placed near potential points of entry such as basement and ground floor windows and doors or near exposed storm drains. If you find a very heavy population of cockroaches, then increase the number of MAXFORCE bait trays to be used.

Will MAXFORCE For Large Roaches replace the need to use all my other materials?

In situations where both large and small cockroaches are present, you will want to use the original MAXFORCE Roach Control System in conjunction with MAXFORCE For Large Roaches. Also, while MAXFORCE is highly effective when used alone, individuals do not always bait to deal 48 to 96 hours before seeing a significant number of dead cockroaches. You may wish to use conventional means to get the initial decrease of the cockroach population. However, there are numerous situations where, even on the initial cleanup, you will want to use MAXFORCE - e.g. a kitchen not properly prepared for residual sprays, areas outside or adjacent to TVs, radios, computers or other sensitive instruments, near a fish tank, etc. If MAXFORCE Roach Control System is used in conjunction with a spray, do not spray the bait trays or place them on heavily sprayed surfaces. In any situation, placement of MAXFORCE Roach Control System with or without initial spray assures you of three months trouble-free control.

Why MAXFORCE For Large Roaches?

MAXFORCE Roach Control System For Large Roaches was developed because the large cockroach varieties exhibit very different behavior from small cockroaches. Large cockroaches primarily live outdoors, cover large distances in search of food and water, and generally only enter homes in search of food. Due to this different behavior, it is important to place the large and small bait trays in different places. It is unlikely that a small cockroach would encounter a properly placed large tray or that a large cockroach would encounter or fit in a small tray. To ensure effective control where both cockroach pests are present, both types of MAXFORCE Roach Control System bait trays must be used.

Where can MAXFORCE be used?

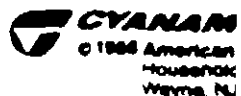
MAXFORCE can be used in any area where cockroaches are a problem. This includes homes, restaurants, hotels, buses, trains, ships, food processing facilities, hospitals, and nursing homes.

Because it has no odor and is non-volatile, MAXFORCE Roach Control System can be used in areas where spray vapors could create a problem - animal research facilities, zoos, laboratories, DM shops, areas occupied by asthmatics or other sensitive people, and computer facilities.

PRACTICAL TIPS ON THE ROACH CONTROL FOR LARGE

1. Inspect premises to determine the general areas where the people working or living on the premises are likely to be. They can help determine ideal areas for placement of bait trays.
2. In areas where large cockroaches have been found, place bait trays on the floor near walls, in cabinets, particularly under sinks, and near stoves, refrigerators, exposed plumbing, basement windows and doors. Double-sided tape can be used to attach bait trays to surfaces out of the reach of children, and place bait trays away from open food. If possible, place bait trays on plastered surfaces. It is possible that cockroaches will crawl on these surfaces.
3. Place bait trays within all areas where cockroaches are sighted. Large cockroaches hide near or in cracks and other exposed plumbing fixtures, near windows and doors, sewers, steam tunnels, etc. In many situations, placement of bait trays can maximize effectiveness. Double-sided tape to aid in such placement.
4. Place MAXFORCE near areas where cockroaches are currently infested. It is a likely area for future infestation. This focal point area will attract new cockroaches and eliminate the cockroaches before they have a chance to reproduce.
5. Never spray the bait trays and avoid placing them on surfaces that have been sprayed. Repel cockroaches.
6. When the source of a persistent pocket of infestation is sticky traps to help determine the source and location of the source area. As long as you place MAXFORCE in the source area, the bait tray will work.
7. Follow label directions for flexibility in the number of bait trays per room. The number used will vary with the size of the room and the placement concentrated where there is a high infestation.

Record location of each bait tray and repeat installation can be indicated on the stickers on the bait trays and putting in the trash.



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Wayne, NJ

480-80200