Date of Issuance:

JUN 1 9 1997



RONMENTAL PROTECTION AGENCY Office of Pesticide Programs

Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460

NOTICE OF PESTICIDE:

<u>x</u> Registration Reregistration Term of Issuance:

241-371

Conditional

Name of Pesticide Product:

Sensible Termiticide Bait

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

American Cyanamid Company Agricultural Research Center P.O. Box 400

Princeton, NJ

08543-0400

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of Similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
  - Make the following label changes:
    - a. Revise the EPA Registration Number to read, "EPA Reg. No. 241-371".
    - b. Delete all references to the use of this pesticide in bait stations other than those designed by American Cyanamid specifically for this pesticidal usage.
    - c. The uses depicted by the approved labeling are recognized as one registration. The registrant may partition its labeling as it deems necessary.

(continued on next page)

Signature of Approving Official:

Marion J. Johnson, Jr Product Manager 10

EPA Form 8570-6

page 2 EPA Reg. No. 241-371

3. Submit two copies of the revised final printed label for the record.

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.

Marion J. Johnson, Jr.

Product Manager 10 Insecticides Branch

Registration Division (7505C)

CONCURRENCES							
SYMBOL				·	·		******
SURNAME	1					1	
DATE				***********			

#### SENSIBLE™ Termiticide Bait

For use in the control of subterranean termite infestations (Reticulitermes spp., Coptotermes spp., Heterotermes spp.)

Only for Sale to, Use and Storage by Professional Pest Control Operators

Active Ingredient: Hydramethylnon:

Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone (3-[4-(trifluoromethyl)phenyl]-1-(2-[(trifluoromethyl)phenyl]-ethenyl)-2-propenylidene)hydrazone

0.3%

Inert Ingredients

99.7%

Total

100.0%

EPA Reg. No. 241-XXX

EPA Est. No. XXX

#### KEEP OUT OF REACH OF CHILDREN

#### CAUTION/PRECAUCION!

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta la haya sido explicada ampliamente.

See Back Panel for Additional Precautionary Statements

AMERICAN CYANAMID COMPANY AGRICULTURAL PRODUCTS DIVISION SPECIALTY PRODUCTS DEPARTMENT WAYNE, NJ 07470 ©1996

Net Weight XXX lb.

Product Code XXX 6/96

ACCEPTED
with COMMENTS
In EPA Latter Dated

JUN 1 9 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act se amended, for the posticide se amended under EPA Reg. No.

™Trademark of American Cyanamid Company

#### PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION!

#### MAY BE HARMFUL IF SWALLOWED

Harmful if absorbed through the skin. Causes moderate eye injury. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

#### STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not use this product in locations where the bait or its hydramethylnon contents may be washed out of the bait station into ponds, streams, springs, or other natural water sources.

#### **DIRECTIONS FOR USE**

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

#### STORAGE AND DISPOSAL

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

Storage: Keep bait cartridges wrapped until ready to be used. Store in

original container in a dry storage area.

<u>Pesticide Disposal</u>: Wrap used bait cartridges in paper and place in a trash can.

General: Consult Federal, State, or local disposal authorities for approved

alternative procedures.

#### General Information

SENSIBLE Termiticide Bait is intended for use as a supplement, or alternative, to conventional methods for controlling termite infestations in and around areas such as, but not limited to, buildings, wooden structures, or landscape timbers. SENSIBLE contains a bait matrix which has been shown to be a preferred food source. The bait matrix has been shown to stimulate feeding activity and induce the recruitment of termites. The active ingredient in SENSIBLE, hydramethylnon, has been shown to be effective in controlling communal or social insects. Foraging workers from subterranean termite colonies (Reticulitermes spp., Coptotermes spp., or Heterotermes spp.) that discover and feed on SENSIBLE will recruit other foragers to the bait and pass it on to other colony members, including the reproductive forms.

SENSIBLE Termiticide Bait must be used in conjunction with a regularly scheduled inspection and monitoring program. The frequency of inspection and monitoring necessary to achieve effective control will vary depending on the level of termite activity, the size of the termite colony, and the conditions conducive to termite infestation present at the structure being protected by SENSIBLE.

# SENSIBLE Termiticide Bait Is For Use Under One Or More Of The Following Treatment Strategies

#### Supplemental Treatment

In conjunction with a conventional soil termiticide, placements of SENSIBLE Termiticide Bait can be established in and around the building or structure\* to be protected, concentrating bait placement in areas where termite activity is known or suspected to exist. SENSIBLE may also be established in the soil beneath concrete slabs, asphalt, paving stones, or other ground coverings. As a supplemental treatment, SENSIBLE can be used to control termite activity in localized areas where environmental conditions, structural design, or other situations may preclude the use of soil termiticides, or in locations where failure of an existing termiticide barrier is suspected. In a supplemental treatment, monitor and service bait placements at least once every three to five months during the active termite season.

#### Remedial Treatment

For control of subterranean termites infesting buildings or structures,\* placements of SENSIBLE Termiticide Bait can be established in and around the building or structure, concentrating bait placement in areas where termite activity is known or suspected to exist. SENSIBLE may also be established in the soil beneath concrete slabs, asphalt, paving stones, or other ground coverings. In a remedial treatment, monitor and service bait placements at least once every two to three months during the active termite season.

#### Preventive Treatment

As an aid to the prevention from attack by subterranean termites, placements of SENSIBLE Termiticide Bait can be established in the soil in and around the exterior of the building or structure\* to be protected. SENSIBLE may also be established in the soil beneath concrete slabs, asphalt, paving stones, or other ground coverings. Monitor and service the bait in a preventative treatment at least once every three to five months during the active termite season.

\* Application sites for SENSIBLE Termiticide Bait include, but are not limited to, areas near wooden structures (houses, condominiums, apartments, commercial properties, garages, barns and other buildings), decks, fences, utility poles, retaining walls, trees, landscape plantings, wood piles, or other wood-in-service which could be attacked, or is actively being attacked, by subterranean termites.

#### General Use Instructions

Before placements of SENSIBLE Termiticide Bait can be established, an inspection of the structure to be protected (and outbuildings or landscaping on the property) must be conducted to identify those sites in and around the structure where termite activity can be confirmed [e.g., mud tubes from the soil to the structure; live termites under mulch, or in construction scraps or landscape timbers] and to identify other sites where termite activity is suspected [e.g., active feeding site in structural timbers, with no evident soil activity adjacent to this feeding site].

SENSIBLE Termiticide Bait is applied from bait stations which are installed in or around the building(s) or structure(s), or in a localized area(s), where termite activity is confirmed or suspected.

- Where termite activity is confirmed, locate bait stations within 12 inches of the site of termite activity where access is not restricted.
- Where termite activity is only known from feeding sites in the structure, it is recommended to locate bait stations in the soil beneath these feeding sites.
- Bait stations may also be used in areas conducive to termite foraging activity: such as, but not limited to, damp areas or areas where wood is in contact with soil.
- After baiting the sites above, additional bait stations may be located in the soil at areas of likely termite activity along expanses of the foundation where no termites were detected.

For remedial treatments, where SENSIBLE is used alone, at a minimum, at least one bait station must be installed for every 20 linear feet of the foundation where soil access is not restricted. Install as many bait stations as needed to thoroughly cover all sites of known or suspected termite activity around the structure to be protected.

#### Installing the SubStation™ Termite Bait Delivery System

Using a soil auger (≥ 2" diameter), core sampler, or hand trowel, excavate a hole to a depth of 7 to 8 inches. Seat the bait cartridge fully into the SubStation housing and make sure that the lateral slots in the cartridge and housing are aligned to their maximal opening. With the cover detached, set the assembled SubStation into the hole until flush with soil surface. Being careful not to foul the locking mechanism with soil, backfill the space between the SubStation and the excavation. Using a screwdriver or similar probe, tamp the soil down and continue backfilling until the SubStation is securely anchored in the soil.

To seal the cover, and limit access to authorized persons, invert the cover by pressing in on the central dome until the cover turns inside out. Center the inverted cover over the bait cartridge, making sure that the locking-teeth on the underside of the cover are seated over the rim of the cartridge. Apply pressure to outer edges of cover until it snaps back to the normal (closed) position.

To open the SubStation for inspection and servicing, apply significant pressure to the central dome on the cover until the cover inverts and the locking-teeth are freed. Set the cover aside. Hold firm the flange of the station housing, and turn the bait cartridge counterclockwise.

TM Trademark of American Cyanamid Company

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NOTE: While SENSIBLE Termiticide Bait can be established in soil that has been previously treated with conventional soil termiticides, these termiticides may act as a repellent and reduce the chances that termites will discover and feed on the bait.

#### Monitoring and Servicing Instructions

It is important to maintain the supply of SENSIBLE Termiticide Bait in the bait stations at all times. At least once every two to five months, depending upon the treatment strategies described above, bait installations must be inspected for termite activity and the bait consumption monitored. In areas of high termite activity, bait availability may need to be monitored more frequently as termites can rapidly deplete the bait supply when recruitment is high.

When inspecting the bait installations for termite activity, visually estimate the amount of bait which has been consumed since the previous inspection.

- When termites have consumed less than approximately 75% of the SENSIBLE Termiticide Bait in any installation, the bait cartridge should be returned to the station housing.
- When termites have consumed approximately 75% or more of the SENSIBLE Termiticide Bait in any installation, replace the depleted bait cartridge with a new bait cartridge.
- It may be desirable to increase the number of bait installations in the immediate vicinity of baits which are being heavily fed upon; this will increase the amount of bait available to the colony and can hasten control.

After no new evidence of activity has been observed, SENSIBLE Termiticide Bait can remain in place to preserve long-term population control, or to detect the presence of new or persistent infestations in an on-going monitoring program. After achieving control of the population, the frequency of monitoring for the bait installations can be increased to annually. In a long-term monitoring program, fresh baits must be installed annually; this is best done in the peak swarming season. If termite activity is discovered in the structure being protected during the long-term monitoring, then the active baiting program and/or other control measures must be initiated.

#### DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the use or application of the product contrary to label instructions all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user. American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code (201) 835-3100.

AMERICAN CYANAMID COMPANY
AGRICULTURAL PRODUCTS DIVISION
SPECIALTY PRODUCTS DEPARTMENT
WAYNE, NJ 07470 ©1996

#### SENSIBLE™ Termiticide Bait

For use in the control of subterranean termite infestations
Only for Sale to, Use and Storage by Professional Pest Control Operators

Contains: Hydramethylnon 0.3%

# KEEP OUT OF REACH OF CHILDREN CAUTION!

EPA Reg. No. 241-XXX EPA Est. No. XXX

See Additional Precautionary Statements and directions for use in enclosed leaflet.

# AMERICAN CYANAMID COMPANY AGRICULTURAL PRODUCTS DIVISION SPECIALTY PRODUCTS DEPARTMENT WAYNE, NJ 07470 ©1996

Net Weight XXX lb.

™Trademark of American Cyanamid Company

6/96

#### SUBTERFUGE™ termite bait

For use in the control of subterranean termite infestations (Reticulitermes spp., Coptotermes spp., Heterotermes spp.)

Only for Sale to, Use and Storage by Professional Pest Control Operators

Active Ingredient:

Hydramethylnon: Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone (3-[4-(trifluoromethyl)phenyl]-1-(2-[(trifluoromethyl)phenyl]-ethenyl)-2-propenylidene)hydrazone

0.3%

**Inert Ingredients** 

99.7%

Total

100.0%

EPA Reg. No. 241-GTR

EPA Est. No. 5905-AR-01

#### KEEP OUT OF REACH OF CHILDREN

#### CAUTION/PRECAUCION!

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta la haya sido explicada ampliamente.

See Back Panel for Additional Precautionary Statements

American Cyanamid Company
North America Agricultural Products Division
Specialty Products Department
One Campus Drive, Parsippany, NJ 07054 ©1997

Net Weight: 1.0 lb.

Product Code XXX 4/97

With COMMENTS IN EPA Latter Dated
JUN 1 9 1997

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Under the Foderal Insecticitie Functions, and Rudenhicide Actions as assented, for the postcide registered under EPA Reg. Mc.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION!

#### MAY BE HARMFUL IF SWALLOWED

Harmful if absorbed through the skin. Causes moderate eye injury. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

#### STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water. Do not use this product in locations where the bait or its hydramethylnon contents may be washed out of the bait station into ponds, streams, springs, or other natural water sources.

#### DIRECTIONS FOR USE

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

#### STORAGE AND DISPOSAL

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

Storage: Store in original container in a dry storage area.

Pesticide Disposal: Wrap used bait in paper and place in a trash can.

Container Disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning.

> or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke,

General: Consult Federal, State, or local disposal authorities for approved

alternative procedures.

#### General Information

SUBTERFUGE termite bait is intended for use as a supplement, or alternative, to conventional methods for controlling termite infestations in and around areas such as, but not limited to, buildings, wooden structures, or landscape timbers. SUBTERFUGE contains a bait matrix which has been shown to be a preferred food source. The bait matrix has been shown to stimulate feeding activity and induce the recruitment of termites. The active ingredient in SUBTERFUGE, hydramethylnon, has been shown to be effective in controlling communal or social insects. Foraging workers from subterranean termite colonies (Reticulitermes spp., Coptotermes spp., or Heterotermes spp.) that discover and feed on SUBTERFUGE will recruit other foragers to the bait.

SUBTERFUGE termite bait must be used in conjunction with a regularly scheduled inspection and monitoring program. The frequency of inspection and monitoring necessary to achieve effective control will vary depending on the level of termite activity, the size of the termite colony, and the conditions conducive to termite infestation present at the structure being protected.

## SUBTERFUGE Termite Bait Is For Use Under One Or More Of The Following Treatment Strategies

#### Supplemental Treatment

In conjunction with the application of conventional soil termiticides, placements of SUBTERFUGE termite bait can be established in and around the building or structure\* to be protected, concentrating bait placement in areas where termite activity is known or suspected to exist. SUBTERFUGE may also be established in the soil beneath concrete slabs, asphalt, paving stones, or other ground coverings. As a supplemental treatment, SUBTERFUGE can be used to control termite activity in localized areas where environmental conditions, structural design, or other situations may preclude the use or effectiveness of conventional soil termiticides. In a supplemental treatment, monitor and service bait placements at least once every three to five months during the active termite season.

#### Remedial Treatment

For control of subterranean termites infesting buildings or structures,\* placements of SUBTERFUGE termite bait can be established in and around the building or structure, For remedial treatments, it is recommended that one bait station be installed for every 10 to 12 linear feet along the foundation, concentrating bait placement in areas where termite activity is known or suspected to exist. SUBTERFUGE may also be established in the soil beneath concrete slabs, asphalt, paving stones, or other ground coverings. At a minimum, at least one bait station must be installed for every 20 linear feet of the foundation where soil access is not restricted. In a remedial treatment, monitor and service bait placements at least once every two to three months during the active termite season.

#### Preventive Treatment

As an aid to the prevention from attack by subterranean termites, placements of SUBTERFUGE termite bait can be established in the soil in and around the exterior of the building or structure\* to be protected. SUBTERFUGE may also be established in the soil beneath concrete slabs, asphalt, paving stones, or other ground coverings. Monitor and service the bait in a preventative treatment at least once every three to five months during the active termite season.

\* Application sites for SUBTERFUGE termite bait include, but are not limited to, areas near wooden structures (houses, condominiums, apartments, commercial perpenties, garages, barns and other buildings), decks, wells, fences, utility poleculated walls, trees, landscape plantings, wood piles, or other wood which could be attacked, or is actively being attacked, by subterranean termites.

#### General Use Instructions

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide as amended, the the pesticide as amended, the the pesticide as amended, and the the pesticide as amended, the the pesticide and the pest

Before placements of SUBTERFUGE termite bait can be established, an inspection of the structure to be protected (and outbuildings or landscaping on the property) must be conducted to identify those sites in and around the structure where termite activity can be confirmed [e.g., mud tubes from the soil to the structure; live termites under mulch, or in construction scraps or landscape timbers] and to identify other sites where termite activity is suspected [e.g., active feeding site in structural timbers, with no evident soil activity adjacent to this feeding site].

SUBTERFUGE termite bait is to be applied from bait stations which are installed in or around the building(s) or structure(s), or in a localized area(s), where termite activity is confirmed or suspected.

- Where termite activity is confirmed, locate bait stations within 12 inches of the site of termite activity; where access is restricted by paving or similar ground covering, locate bait stations as close to the site of termite activity as possible.
- Where termite activity is only known from feeding sites in the structure, it is recommended to locate bait stations in the soil beneath these feeding sites.
- Bait stations may also be used in areas conducive to termite foraging activity: such as, but not limited to, damp areas or areas where wood is in contact with soil.
- After baiting the sites above, additional bait stations may be located in areas of likely termite activity where no termites were detected.

For remedial treatments, where SUBTERFUCE is used alone, at a minimum, at least one bait station must be installed for every 20 linear feet of the foundation where soil access is not restricted. Install as many bait stations as needed to thoroughly cover all sites of known or suspected termite activity around the structure to be protected.

This product can be applied to in-ground and above ground bait stations. SubStation™ Termite Bait Delivery Systems have been specially designed for use with this product. However, SUBTERFUGE termite bait can be applied to any, tamper-resistant bait station for controlling subterranean termite infestations.

Read and understand the manufacturer's instructions for installing and operating their termite bait station.

NOTE: While SUBTERFUGE termite bait can be established in soil that has been previously treated with conventional termiticide barriers, these conventional termiticides may act as a repellent and reduce the chances that termites will discover and feed on the bait.

#### Monitoring and Servicing Instructions

It is important to maintain the supply of SUBTERFUGE termite bait in the bait stations at all times. For this reason it is recommended that the initial inspection after bait installation occur within 6 weeks, to assess the level of termite activity and consumption of SUBTERFUGE termite bait. Thereafter, at least once every two to five months, depending upon the treatment strategies described above, bait installations must be inspected for termite activity and the bait consumption monitored. In areas of high termite activity, bait availability may need to be monitored more frequently as termites can rapidly deplete the bait supply when recruitment is high.

When inspecting the bait installations for termite activity, visually estimate the amount of bait which has been consumed since the previous inspection.

- When termites have consumed less than approximately 25% of the SUBTERFUGE termite bait in any installation, the bait cartridge should be returned to the station housing.
- When termites have consumed more than 25% but less 75% of the SUBTERFUGE termite bait in any installation, additional bait must be added. Tamp down the bait remaining in the bait cartridge, using a screwdriver or similar probe, before filling with additional bait.
- When termites have consumed approximately 75% or more of the SUBTERFUGE termite bait in any installation, that bait cartridge must be emptied (by tapping or scraping), to remove soil that has been imported by the termites, and refilled with bait. Dispose of any discarded bait in an appropriate manner.
- It may be desirable to increase the number of bait installations in the immediate vicinity of baits which are being heavily fed upon; this will increase the amount of bait available to the colony and can hasten control.

After no new evidence of activity has been observed, SUBTERFUGE termite bait can remain in place to preserve long-term population control, or to detect the presence of new or persistent infestations in an on-going monitoring program. After achieving control of the population, the frequency of monitoring for the bait installations can be increased to annually. In a long-term monitoring program, fresh baits must be installed annually; this is best done in the peak swarming season. If termite activity is discovered in the structure being protected during the long-term monitoring, then the active baiting program and/or other control measures must be initiated.

#### DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the use or application of the product contrary to label instructions all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user. American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code (973) 683-3100.

American Cyanamid Company
North America Agricultural Products Division
Specialty Products Department
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