



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
263506

Application for Pesticide - Section I

1. Company/Product Number FMC Corporation /279-2876	2. EPA Product Manager T. Levine	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) FMC Corp./Furadan 4F Insecticide-Nematicide	PM# 04	
5. Name and Address of Applicant (Include ZIP Code) FMC Corporation Agricultural Products Group 1735 Market Street Philadelphia, PA 19103 Attn: Don Carlson <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ JUL 24 1998 Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Notification of statement addition to 2.5 gallon container packing/shipping carton and 2.5 gallon container labeling

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
Certification must be submitted	If "Yes" Unit Packaging wgt. 2x2.5 gal.	No. per container	If "Yes" Package wgt	No. per container	<input type="checkbox"/> Glass
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gal		5. Location of Label Directions <input type="checkbox"/> Supplemental Label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input checked="" type="checkbox"/> Other plastic sleeve label on container or paper glued label	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Don Carlson	Title Product Development & Registration Manager	Telephone No. (Include Area Code) 215/299-6436
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		5. Date Application Received (Stamped)
2. Signature 	3. Title Product Development & Registration Manager	
4. Typed Name Don Carlson	5. Date 7/14/98	

FMC Corporation

1735 Market Street
Philadelphia Pennsylvania 19103
215 299 6000

2/9



July 14, 1998

Dr. Tina E. Levine, Chief
Insecticide-Rodenticide Branch
Registration Division (7505C)
Document Processing Desk, Rm. 266A
U.S. Environmental Protection Agency
Crystal Mall #2
1921 Jefferson Davis Highway
Arlington, VA 22202

Dear Dr. Levine:

Subject: Furadan 4F Insecticide-Nematicide, EPA Reg. No. 279-2876
Notification of Statement Addition to Packing Carton and Pesticide Container
Labeling-2.5 Gallon Containers

FMC is herewith submitting a notification for the addition of a statement to the packing/shipping carton and container labeling for Furadan 4F Insecticide-Nematicide packaged in our current 2.5 gallon containers.

In accordance with instructions from Jack Housenger, following his recent conversations with you on this subject, FMC was advised to submit this change to the current 2.5 gallon container and outer packing carton labeling as a notification. Some historical background may be helpful. Starting in October of 1996, as part of certain pre-RED risk mitigation, FMC took steps to eliminate the use of small containers (i.e., 1 gallon) of Furadan 4F and limit the use of 2.5 gallon containers. This is part of an overall effort to convert as much production as possible to closed systems and/or closed system compatible type containers. FMC's practice is the confinement of 2.5 gallon shipments in the continental U.S. to California and Arizona, and off-shore shipping to Puerto Rico and some other overseas locations not compatible with returnable/refillable type sealed containers currently used in the continental U.S. In support of this stewardship objective we believe the following language will help assure that the current 2.5 Gallon container's use is limited to the above noted areas:

“This container for export sale and for sale in CA, AZ and Puerto Rico only.”

Dr. Tina Levine
July 14, 1998
Page 2

The following items are enclosed in support of this notification:

- Completed EPA Form 8570-1
- Copy of 2 1/2 gallon container and 2x2 1/2 gallon carton labeling with the added statement hi-lited (labels have been photoreduced to 8 1/2 x 11 to comply with Form 8570-1 instructions).

I thank both you and Jack Housenger for your input on handling this regulatory action. Should either you, or your Furadan assigned Staff person (Betty Haeberer) have any questions please contact me (215-299-6436).

Sincerely,


Don Carlson, PhD
Product Development
and Registrations

cc: J. Housenger, SRRD

Dr. Tina Levine
July 14, 1998
Page 2

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I thank both you and Jack Housenger for your input on handling this regulatory action. Should either you, or your Furadan assigned Staff person (Betty Haerberer) have any questions please contact me (215-299-6436).

Sincerely,

Don Carlson, PhD
Product Development
and Registrations

cc: J. Housenger, SRRD

bcc: W. Smith
E. Cole
R. Feo
A. Laverde, w/att (by paper copy)
A. Duggan
M. Parks
D. Watt
R. Ehn, w/att (by paper copy)
Reg. Records: C196h-0: Corres. File-DCI Acute Worker Risk Mitigation Project
Code File: 279

Code 279

RESTRICTED USE PESTICIDE
 Due to acute oral and inhalation toxicity. For retail sale to and application only by certified applicators or personnel under their direct supervision.

Net Contents
 2 1/2 Gallons



EPA Reg. No. 279-2876

EPA Est. 279-NY-1

Active Ingredient:

*Carbofuran	44.0%
Inert Ingredients:	56.0%
	100.0%

*2,3-Dihydro-2,2-dimethyl-7-benzofuranmethylcarbamate.
 This product contains 4 lbs. of carbofuran per gallon.

KEEP OUT OF REACH OF CHILDREN



ANGER-POISON

PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)



FMC Corporation
 Agricultural Products Group
 Philadelphia PA 19103

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Drink 1 or 2 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.

If inhaled: Remove to fresh air. Call a physician immediately.

If in eyes: Flush with plenty of water for at least 15 minutes. Get medical attention.

If on skin: Wash skin immediately with soap and water.

Antidote

Note to Physician: Carbofuran is an N-methyl carbamate and a reversible cholinesterase inhibitor. Do not use oximes such as 2-PAM. Start by giving 2 mg. atropine intramuscularly. According to clinical response, continue until signs of atropinization occur (dry mouth or dilated pupils). If in eye, instill one drop of homatropine.

For Emergency Assistance Call (800) 331-3148.

See Other Panels for Additional Precautionary Information.

This Container for Export Sale and For Sale in California, Arizona, and Puerto Rico only.

PRECAUTIONARY STATEMENTS
 Hazards to Humans (and Domestic Animals)

Danger

Poisonous if swallowed or inhaled. May be fatal or harmful as a result of skin or eye contact or by breathing spray mist. Causes cholinesterase inhibition. Warning symptoms of poisoning include weakness, headache, sweating, nausea, vomiting, diarrhea, lightheadedness, blurred vision, pinpoint eye pupils, abnormal flow of saliva, abdominal cramps, and unconsciousness. Atropine sulfate is antidote.

Personal Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves, such as Barrier Laminata or Butyl Rubber, or Nitrile Rubber or Neoprene Rubber or Polyvinyl Chloride or Viton; Shoes plus socks; Protective eyewear when mixing or loading, when performing maintenance or repairs (such as repairing/replacing hoses, cleaning, replacing or unpluging nozzles) on contaminated equipment or equipment containing residual carbofuran, or when cleaning the equipment or vehicle containing, or contaminated with carbofuran. For exposure in enclosed areas: A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G); For exposures outdoors: Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. For waterfowl protection, do not apply immediately before or during irrigation, or on fields in proximity of waterfowl nesting areas, or on fields where waterfowl are known to repeatedly feed. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not dispose of equipment washwater or rinseate in streams, lakes or other surface water bodies. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

USE OF THIS PRODUCT FOR BAITING OR IN BAIT STATIONS IS STRICTLY PROHIBITED AND CAN RESULT IN CRIMINAL AND CIVIL PENALTIES UNDER FEDERAL LAW. The maximum fine for misuse by custom applicators under FIFRA is \$25,000. However, fines may also be levied under other statutes.

Notice: It is a federal offense to use any pesticide in a manner that results in the death of a member

NOTIFICATION

JUL 24 1998

10/9

Consider Labeling

of an endangered species. The use of Furadan 4F insecticide-nematocide may pose a hazard to Federally designated endangered/threatened species. Suggested measures to protect endangered species in your county may exist in an EPA "Insect Measures" pamphlet. You may call EPA's Endangered Species Hotline, 1-800-447-3813 to find out if an "Insect Measures" pamphlet exists for your county and have one sent to you. You also can consult your local county extension office or pesticide state lead agency to determine whether they have imposed any requirements in your area to protect endangered and threatened species.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Carbofuran is a chemical which can travel (leach or leach) through soil and can contaminate groundwater which may be used as drinking water. Carbofuran has been found in groundwater as a result of agricultural use. Users are advised not to apply carbofuran where the water table (ground-water) is close to the surface and where the soils are very permeable, i.e., well-drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

Do not use this product on Long Island, N.Y.

Shake Well Before Using

AGRICULTURAL USE REQUIREMENTS

Use this product in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. The Standard contains requirements for protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It contains specific instructions and warnings pertaining to statements on the label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. Requirements in this box only apply to uses of the product covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 48 hours (except for foliar application to corn, sunflowers, or sorghum). After foliar application on corn, sunflowers, and sorghum, do not enter or allow worker entry into treated area during restricted entry interval (REI) of 11 days. Exception: for last 12 days of REI, workers may enter treated area to perform hard labor or other tasks involving contact with anything that has been treated, such as plants, soil, or water, without time limit, if they wear early entry personal protective equipment listed below.

PPE required for early entry to treated areas permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: Coveralls, Chemical-resistant gloves, such as Barrier Laminate or Butyl Rubber, or Nitrile Rubber or Neoprene Rubber or Polyurethane or Viton, and Shoes plus socks.

Notify workers of application by warning them orally and by posting warning signs at entrances to treated areas.

STORAGE AND DISPOSAL

Pesticide Storage

Furadan 4F is freeze/thaw stable. If frozen, thaw and agitate before use. Not for use or storage in or around the house.

To keep the product from freezing, store above 32°F. Keep out of reach of children and animals. Store in original containers. Store in cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lid and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticide, fertilizer, water, food, or feed by storage or disposal.

Bulk holding containers used for Furadan 4F, and associated equipment (pumps, meters, hoses, etc.), should be thoroughly rinsed to avoid cross contamination with materials subsequently introduced into bulk system. Begin by draining remaining product from tank and equipment and storing in approved appropriately labeled containers. Thoroughly rinse inside of tank and cycle rinsate through pump and metering system, repeating rinsing and cycling procedure at least three times. Refer to Pesticide Disposal statement for disposal of rinsate.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spill. Call FMC: 800-331-3148. To contain spill, Dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in holding container. Identify content.

Pesticide Disposal Wastes associated with this pesticide are acute hazardous waste and must be handled and disposed of in accordance with local, state and federal regulation. Improper disposal of excess pesticide, spray mixture, containers or rinsate is a violation of Federal law. If these materials are generated and must be disposed, or if product cannot be used according to label instructions or cannot be returned and must be disposed, contact State Environmental Control Agency or Hazardous Waste representative at nearest EPA Regional Office for disposal guidance.

Container Disposal

Non-removable Plastic or Metal Containers: If not triple rinsed to remove product, empty Furadan pesticide containers are acute hazardous wastes and must be disposed of in accordance with local, state and federal regulation. Improper disposal of empty pesticide containers or rinsate is a violation of Federal Law. Triple rinse containers. Dispose of rinsate as stated in Pesticide Disposal above. Offer triple rinsed containers for recycle or reconditioning, or purchase triple rinsed containers and in-house or contact State Environmental Control Agency or Hazardous Waste representative at nearest EPA Regional Office for disposal guidance. DO NOT cut or weld metal containers.

See pamphlet for complete Directions for Use.

Dealers Should Sell in Original Packages Only.
Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of the material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied is made as to the effects of such or the results to be obtained if not used in accordance with directions or established state practice.

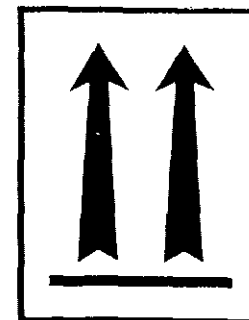
Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

Furadan and **W** are FMC Trademarks
11/97 (279-1172/97-A) 1000680 : 199XXXX

RESTRICTED USE PESTICIDE
Due to acute oral and inhalation toxicity. For retail sale to and application only by certified applicators or personnel under their direct supervision.

Code 279

Net Contents
2-2 1/2 Gallon Units



Furadan 4f

insecticide/nematicide

EPA Reg. No. 279-2876

EPA Est. 279-NY-1

Active Ingredient:

*Carbofuran.....	44.0%
Inert Ingredients:	56.0%
	100.0%

*2,3-Dihydro-2,2-dimethyl-7-benzofuranymethylcarbamate.
This product contains 4 lbs. of carbofuran per gallon.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Drink 1 or 2 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.

If inhaled: Remove to fresh air. Call a physician immediately.

If in eye: Flush with plenty of water for at least 15 minutes. Get medical attention.

If on skin: Wash skin immediately with soap and water.

Antidote

Note to Physician: Carbofuran is an N-methyl carbamate and a reversible cholinesterase inhibitor. Do not use oximes such as 2-PAM. Start by giving 2 mg. atropine intramuscularly. According to clinical response, continue until signs of atropinization occur (dry mouth or dilated pupils). If in eye, instill one drop of homatropine.

For Emergency Assistance Call (800) 331-3148.

KEEP OUT OF REACH OF CHILDREN

☠ DANGER-POISON ☠

PELIGRO

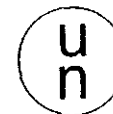
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FMC FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

This Container for Export Sale and For Sale in California, Arizona, and Puerto Rico Only.



Carbamate pesticide, liquid, toxic,
(Carbofuran 44%), UN 2992, RQ (Carbofuran)



4G/Y28.1/S/98
USA+AA1165

NOTIFICATION

JUL 24 1998

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Danger
Poisonous if swallowed or inhaled. May be fatal or harmful as a result of skin or eye contact or by breathing spray mist. Causes cholinesterase inhibition. Warning symptoms of poisoning include weakness, headache, sweating, nausea, vomiting, diarrhea, tightness in chest, blurred vision, pinpoint eye pupils, abnormal flow of saliva, abdominal cramps, and unconsciousness. Atropine sulfate is antidote.

Personal Protective Equipment:
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves, such as Barrier Laminate or Butyl Rubber, or Nitrile Rubber or Neoprene Rubber or Polyvinyl Chloride or Viton; Shoes plus socks; Protective eyewear when mixing or loading, when performing maintenance or repairs (such as repairing/replacing hoses, cleaning, replacing or unplugging nozzles) on contaminated equipment or equipment containing residual carbaryl, or when cleaning the equipment or vehicle containing, or contaminated with carbaryl. For exposure in enclosed areas: A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-29C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G); For exposure outdoors: Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (f) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:
Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. For waterfowl protection, do not apply immediately before or during irrigation, or on fields in proximity of waterfowl nesting areas, or on fields where waterfowl are known to repeatedly feed. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not dispose of equipment washwater or rinseate in streams, lakes or other surface water bodies. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

USE OF THIS PRODUCT FOR BAITING OR IN BAIT STATIONS IS STRICTLY PROHIBITED AND CAN RESULT IN CRIMINAL AND CIVIL PENALTIES UNDER FEDERAL LAW. The maximum fine for misuse by custom applicators under FIFRA is \$25,000. However, fines may also be levied under other statutes.

Notice: It is a federal offense to use any pesticide in a manner that results in the death of a member of an endangered species. The use of Furadan 4F insecticide/nematicide may pose a hazard to Federally designated endangered/threatened species. Suggested measures to protect endangered species in your county may exist in an EPA "Interim Measures" pamphlet. You may call EPA's Endangered Species Hotline, 1-800-447-3813 to find out if an "Interim Measures" pamphlet exists for your county and have one sent to you. You also can consult your local county extension office or pesticide state lead agency to determine whether they have imposed any requirements in your area to protect endangered and threatened species.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Carbaryl is a chemical which can travel (seep or leach) through soil and can contaminate groundwater which may be used as drinking water. Carbaryl has been found in groundwater as a result of agricultural use. Users are advised not to apply carbaryl where the water table (ground-water) is close to the surface and where the soils are very permeable, i.e., well-drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system. Do not use this product on Long Island, N.Y.

Shake Well Before Using

AGRICULTURAL USE REQUIREMENTS

Use this product in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. The Standard contains requirements for protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It contains specific instructions and exceptions pertaining to statements on the label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. Requirements in this box only apply to uses of the product covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 48 hours (except for foliar application to corn, sorghum, or sorghum). After foliar application on corn, sorghum, and sorghum, do not enter or allow worker entry into treated area during restricted entry interval (REI) of 14 days. Exception: for last 12 days of REI, workers may enter treated area to perform hand labor or other tasks involving contact with anything that has been treated, such as plants, soil, or water, without time limit, if they wear early entry personal protective equipment listed below.

PPE required for early entry to treated areas permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, chemical-resistant gloves, such as Barrier Laminate or Butyl Rubber, or Nitrile Rubber or Neoprene Rubber or Polyvinyl Chloride or Viton, and Shoes plus socks.

Notify workers of application by warning them orally and by posting warning signs at entrance to treated areas.

STORAGE AND DISPOSAL

Pesticide Storage
Not for use or storage in or around the house.
Furadan 4F is freezer/thaw stable. If frozen, thaw and agitate before reuse. To keep the product from freezing, store above 32°F.

Keep out of reach of children and animals. Store in original containers. Store in cool, dry place and avoid excess heat. Carefully open container. After partial use, replace lid and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticide, fertilizer, water, food, or feed by storage or disposal.

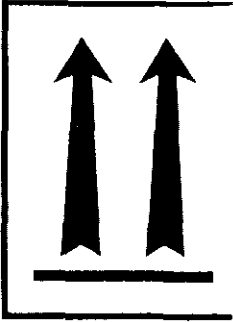
Bulk holding containers used for Furadan 4F, and associated equipment (pumps, meters, hoses, etc.), should be thoroughly rinsed to avoid cross contamination with materials subsequently introduced into bulk system. Begin by draining remaining product from tank and equipment and storing in approved appropriately labeled containers. Thoroughly rinse inside of tank and cycle rinseate through pump and metering system, repeating rinsing and cycling procedure at least three times. Refer to Pesticide Disposal statement for disposal of rinseate.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spill. Call FMC: 800-331-3148. To confine spill: Dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in holding container. Identify content.

Pesticide Disposal
Wastes associated with this pesticide are acute hazardous waste and must be handled and disposed of in accordance with local, state and federal regulation. Improper disposal of excess pesticide, spray mixture, containers or rinseate is a violation of federal law. If these materials are generated and must be disposed, or if product cannot be used according to label instructions or cannot be reclaimed and must be disposed, contact State Environmental Control Agency or Hazardous Waste representative at nearest EPA Regional Office for disposal guidance.

Container Disposal
Non-reclaimable Plastic or Metal Containers: If not triple rinsed to remove product, empty Furadan pesticide containers are acute hazardous wastes and must be disposed of in accordance with local, state and federal regulation. Improper disposal of empty pesticide containers or rinseate is a violation of Federal Law. Triple rinse containers. Dispose of rinseate as stated in Pesticide Disposal above. Offer triple rinsed containers for recycle or reconditioning, or puncture triple rinsed containers and incinerate or contact State Environmental Control Agency or Hazardous Waste representative at nearest EPA Regional Office for disposal guidance. DO NOT cut or weld metal containers.

See pamphlet inside for complete Directions for Use.



Dealers Should Sell in Original Packages Only.
Terms of Sale or User: On purchase of this product buyer and user agree to the following conditions:
Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.
Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.
Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied is made as to the effects of such of the results to be obtained if not used in accordance with directions or established safe practice.
Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.
Furadan and 4F are FMC Trademarks
1197 (278-11/24/97-A) 1000880 - 1505XXXX

Paper Paste-On Labeling for
Non-Preprinted Cartons

9/9

Code 279

RESTRICTED USE PESTICIDE

Due to acute oral and inhalation toxicity. For retail sale to and application only by certified applicators or personnel under their direct supervision.

Net Contents
2-2 1/2 Gallon Units

Furadan 4f

insecticide/nematicide

This Container for Export Sale and For Sale in California, Arizona, and Puerto Rico only.

EPA Reg. No. 279-2076 EPA Est. 279-NY-1
Active Ingredient: Carbosulfan 44.0%
Inert Ingredients: 56.0%
100.0%
2,3-Dihydro-2,2-dimethyl-7-benzothiazolylthiocarbamate.
This product contains 4 lbs. of carbosulfan per gallon.

KEEP OUT OF REACH OF CHILDREN

DANGER-POISON
PELIGRO

Si usted no entiende el etiquete, busque a alguien para que se le explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Drink 1 or 2 glasses of water and induce vomiting by beating back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

If inhaled: Remove to fresh air. Call a physician immediately.

If in eyes: Flush with plenty of water for at least 15 minutes. Get medical attention.

If on skin: Wash skin immediately with soap and water.

Antidote
None to Physician: Carbosulfan is an N-methyl carbamate and a reversible cholinesterase inhibitor. Do not use atropine such as 2-PM. Start by giving 2 mg. atropine intramuscularly. According to clinical response, continue until signs of atropinization occur (dry mouth or closed pupils). If in eye, instill one drop of homatropine.

For Emergency Assistance Call (800) 231-3146.
See Other Panels for Additional Precautionary Information.

PRECAUTIONARY STATEMENTS
Hazards to Humans (and Domestic Animals)

Danger
Fatalous if swallowed or inhaled. May be fatal or harmful as a result of skin or eye contact or by breathing spray mist. Causes cholinesterase inhibition. Warning symptoms of poisoning include weakness, headache, sweating, nausea, vomiting, diarrhea, tightness in chest, blurred vision, pinpoint eye pupils, abnormal flow of saliva, abdominal cramps, and unconsciousness. Atropine is the antidote.

Personal Protective Equipment:
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves such as Barrier Laminate or Butyl Rubber, or Nitrile Rubber or Neoprene Rubber or Polyvinyl Chloride or Viton; Shoes plus socks; Protective eyewear when mixing or loading, when performing maintenance or repairs (such as repairing/replace hoses, cleaning, replacing or unplugging nozzles) on contaminated equipment or equipment containing residual carbosulfan, or when cleaning the equipment or vehicle containing, or contaminated with carbosulfan. For exposure in enclosed areas: A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-22C), or a cartridge approved for pesticides (MSHA/NIOSH approval number prefix TC-14D). For exposure outdoors: Dual filter breathing respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washing, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

- Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 - Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. For waterfowl protection, do not apply immediately before or during irrigation, or on fields in proximity of waterfowl nesting areas, or on fields where waterfowl

are known to repeatedly feed. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not dispose of equipment washwater or rinsate in streams, lakes or other surface water bodies. Do not apply directly to water, or to areas where surface water is present or to irrigated areas below the mean high water mark.

USE OF THIS PRODUCT FOR BAITING OR IN BAIT STATIONS IS STRICTLY PROHIBITED AND CAN RESULT IN CRIMINAL AND CIVIL PENALTIES UNDER FEDERAL LAW. The maximum fine for misuse by outside applicators under FIFRA is \$25,000. However, fines may also be levied under other statutes.

Notice: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species. The use of Furadan 4f insecticide/nematicide may pose a hazard to Federally designated endangered/threatened species. Suggested measures to protect endangered species in your county may exist in an EPA "Hazard Measure" pamphlet. You may call EPA's Endangered Species Hotline, 1-800-447-5813 to find out if an "Hazard Measure" pamphlet exists for your county and have one sent to you. You also can consult your local county extension office or pesticide state lead agency to determine whether they have imposed any requirements in your area to protect endangered and threatened species.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Carbosulfan is a chemical which can travel (leach or leach) through soil and can contaminate groundwater which may be used as drinking water. Carbosulfan has been found in groundwater as a result of agricultural use. Users are advised not to apply carbosulfan where the water table (ground-water) is close to the surface and where the soil is very permeable, i.e., well-drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwaters.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.
Do not use this product through any type of irrigation system.
Do not use this product on Long Island, N.Y.

Shake Well Before Using

AGRICULTURAL USE REQUIREMENTS

Use this product in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

STORAGE AND DISPOSAL

Pesticide Storage
Not for use or storage in or around the house.
Furadan 4f is toxic when stable. If frozen, thaw and settle before reuse. To keep the product from freezing, store above 32°F.

Keep out of reach of children and animals. Store in original container. Store in cool, dry place and avoid excess heat. Carefully open container. After partial use, replace lid and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticide, fertilizer, water, food, or feed by storage or disposal.

Bulk holding containers used for Furadan 4f, and associated equipment (pumps, meters, hoses, etc.), should be thoroughly rinsed to avoid cross contamination with materials subsequently introduced into bulk system. Begin by draining remaining product from tank and equipment and slaving in approved appropriately labeled containers. Thoroughly rinse inside of tank and cycle rinseate through pump and mixing system, repeating rinsing and cycling procedure at least three times. Refer to Pesticide Disposal statement for disposal of rinseate.
In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Contain spill. Call FMC: 800-231-3146. To contain spill: Offer surrounding area or absorb with sand, soil filler or commercial clay. Place damaged package in holding container. Identify content.

Pesticide Disposal
Wastes associated with this pesticide are acute hazardous waste and must be handled and disposed of in accordance with local, state and federal regulations. Improper disposal of excess pesticide, spray mixture, containers or rinsate is a violation of Federal law. If these materials are generated and must be disposed, or if product cannot be used according to label instructions or cannot be returned, call your local pesticide dealer or contact State Environmental Control Agency or Hazardous Waste representative at nearest EPA Regional Office for disposal guidance. DO NOT cut or weld metal containers.

Container Disposal
Non-returnable Plastic or Metal Containers: If not triple rinsed to remove product, empty Furadan pesticide containers are acute hazardous waste and must be disposed of in accordance with local, state and federal regulations. Improper disposal of empty pesticide containers or rinsate is a violation of Federal Law. Triple rinse containers. Dispose of rinseate as stated in Pesticide Disposal above. Other triple rinsed containers for re-use or reconditioning, or purchase triple rinsed containers and instruments or contact State Environmental Control Agency or Hazardous Waste representative at nearest EPA Regional Office for disposal guidance. DO NOT cut or weld metal containers.

See pamphlet inside for complete Directions for Use.

Dealers Should Sell in Original Packages Only.

Terms of Sale of Use: On purchase of this product buyer and user agree to the following conditions:
Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than reflected on the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions. Directions and Recommendations: Buyer directs carefully. Timing and method of application, weather and crop conditions, rotation with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk. The use of this product is based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied is made as to the effects of such or the results to be obtained if not used in accordance with directions or established sale practices. Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not in excess of the purchase price paid and shall not include incidental or consequential damages.

Furadan and 4f are FMC Trademarks
1187 (279-11/24/97-A) 1000080 - 1506XXXX



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NOTIFICATION

JUL 24 1998