

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 62719-166	DATE OF ISSUANCE June 12, 1991
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT XRM-5184 L.O. Insecticide	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

DowElanco
 Quad IV, 9002 Purdue Road
 Indianapolis, Indiana 46268-1189

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

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

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

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

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

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Delete the phrase, "EPA Registration No. 464-" and substitute, "EPA Registration No. 62719-166."
- c. On Page 5, Application Methods, in the title of the section, "Spot, or Crack and Crevice Applications," delete the words, "Spot, or."
- d. On Page 5, Application Methods, delete the section, "Spot and Broadcast Applications," and substitute the following:

Spot and Broadcast Applications: Use a low pressure system with fan type nozzle to

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>DHE</i>	DATE 6/12/91
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uniformly apply spot treatments in and around cupboards, and between, beneath and behind equipment or appliances. SRM-5184 L.O. may be applied as a broadcast spray to carpeted floor areas for control of fleas, and as a spot treatment for control of ticks and carpet beetles.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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.

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosures

To Be Applied Only By or Under the Supervision of Commercial Applicators
Responsible for Insect Control Programs

SPECIMEN LABEL

XRM-5184 L.O. INSECTICIDE

Controls Numerous Pests In And Around Households And Other Structures

~~For Retail Sale To And Use Only By Commercial Applicators Or Persons
Under Their Direct Supervision And Only For Those Uses Covered By The
Commercial Applicator's Certification.~~

Active Ingredient:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridinyl)
phosphorothioate] 22.0Z

Inert Ingredients: 78.0Z

Contains 2.0 pounds of chlorpyrifos per gallon E.P.A. Registration
Number 464-

Est. Number 464-MI-I

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN 12 1991

Precautionary Statements

Keep Out Of Reach Of Children

CAUTION

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

62719-166

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

STATEMENT OF PRACTICAL TREATMENT

- * **If Swallowed:** Call a physician or Poison Control Center immediately. Do not induce vomiting. ~~Contains an aromatic petroleum solvent.~~ Do not put anything into the mouth of an unconscious person.
- * **If On Skin:** Wash exposed area with plenty of soap and water. ~~Get medical attention if irritation persists.~~ Get Medical attention.
- * **If In Eyes:** Flush eyes with plenty of water for 15 minutes. Get medical attention.
- * **If Inhaled:** ~~Remove person to fresh air if symptoms of cholinesterase inhibition appear and get medical attention immediately.~~

Remove person to fresh air and if not breathing give artificial respiration, preferably by mouth to mouth. Get medical attention.

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*** Note to Physician:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.

Hazards to Humans and Domestic Animals

- * Harmful If Swallowed, Inhaled, or Absorbed Through Skin**
 - ~~*** Causes Moderate Eye Irritation**~~
 - * Avoid Contact With Eyes, Skin Or Clothing**
 - * Handle Concentrate In A Ventilated Area**
 - * Keep Away From Food, Feedstuffs And Water Supplies**
 - * Remove Contaminated Clothing And Clean Before Reuse**
 - * Wash Thoroughly With Soap And Water After Handling And Before Eating Or Smoking**
 - * Avoid Breathing Spray Mist Vapor or**
 - * Wear Eye Protection**
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Environmental Hazards

- * This pesticide is toxic to birds and wildlife and extremely toxic to fish and aquatic organisms.**
 - * Do not apply directly to water or wetlands.**
 - * Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites.**
 - * Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.**
 - * Cover or contain spills outdoors and dispose of in a manner consistent with local, state, and federal regulations.**
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NOTICE:

- * Read and understand the entire label before using.**
- * Use only according to label directions.**

Before buying or using this product, read "WARRANTY LIMITATIONS AND DISCLAIMER" elsewhere on this label. If terms are not acceptable, return unopened package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user, constitutes acceptance of the terms under WARRANTY LIMITATIONS AND DISCLAIMER.

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing.

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect 517-636-4400.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

- * XRM-5184 L.O. insecticide is an emulsifiable concentrate designed for use as a spray to control various pests in and around residential and nonresidential buildings and structures and on various modes of transport.
- * Do not formulate this product into other end-use products.
- * Unless prohibited by a product's label, users at their own discretion, can tank mix pesticides currently labeled for similar use patterns. It is always recommended that a small jar compatibility test using proper proportions of chemicals and water be run to check for physical compatibility prior to tank mixing. Do not tank mix this product with products containing dichlorvos (DDVP).
- * Important: Read these entire Directions before using XRM-5184 L.O.

Proper Storage For Dilutions

Dilutions of XRM-5184 L.O. are sensitive to crystal formations when exposed to freezing, or near freezing temperatures, e.g. temperatures below 35° F, for extended periods of time. Therefore, dilutions allowed to stand overnight should be stored at temperatures above 40° F.

GENERAL PEST CONTROL INDOORS

Directions For General Use Indoors

XRM-5184 L.O. insecticide is intended to be mixed with water and applied as crack and crevice, spot, and broadcast treatments with pressurized sprayers or other equipment suitable for applying insecticides to localized areas. The active ingredient in this product can provide effective residual control of pests listed on this label. To minimize airborne particles spray pressure should not exceed 30 psi at the nozzle tip.

HANDLING PROCEDURES

Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. As a minimum, eye protection, chemically resistant gloves and footwear, a long-sleeved shirt and long-legged pants or coveralls are recommended. To avoid breathing spray mist during application in confined areas, wear a mask or respirator of a type recommended by NIOSH for filtering spray mists.

Handling Procedures For General Use Indoors

- * Do not allow adults, children or pets on treated areas until spray has dried.
- * Before spraying, remove pets and cover aquaria, i.e. fish bowls and turn off air pump.
- * Do not apply where electrical short circuits could occur.
- * Do not use indoors as a space spray or in fogging equipment.
- * Do not use in poultry houses.
- * A period of from 4 to 7 days is normally required to observe maximum effectiveness on insect populations. Except as noted under Food Handling Establishment Directions, applications can be made in 7 day intervals. If necessary, XRM-5184 L.O. insecticide may be applied after 2 days from last treatment (Call back treatments), but such use should be limited to once per month.
- * It is recommended that eye protection be worn when making applications overhead.

Sites: When used in accordance to label directions XRM-5184 L.O. may be applied in and around residential and nonresidential buildings and structures including residential kitchens and all types of food handling establishments. This product can be applied to walls, floors, ceilings, in and around cabinets, between, behind and beneath equipment and appliances, around floor drains, window and door frames, around plumbing, sinks and other possible pest harborage. Permitted areas of use include but are not limited to:

- | | |
|-----------------------------|------------------------|
| Apartment buildings | Houses |
| Bakeries | Industrial buildings |
| Bottling facilities | Kitchens |
| Breweries | Laboratories |
| Cafeterias | Mausoleums |
| Food manufacturing plants | Mobile and motor homes |
| Food processing plants | Offices |
| Food service establishments | Restaurants |
| Granaries and grain mills | Schools |
| Greenhouses | Stores |
| Hospitals | Warehouses |
| Hotels | Wineries |

Rates: Applications of 0.25% to 0.5% XRM-5184 L.O. can be made depending on pest species and conditions of premises. See Specific Indoor Use Directions for additional information.

Mixing Instructions: To make a 0.25% water based spray mix 1 1/3 fluid ounce (39 ml) of XRM-5184 L.O. per each gallon of spray. To make a 0.5% water based spray mix 2 2/3 fluid ounces (79 ml) of XRM-5184 L.O. per each gallon of spray.

A stable micro-emulsion of XRM-5184 L.O. insecticide can be formed by first adding approximately one-half the water to a spray tank followed by adding the proper amount of XRM-5184 L.O. Close the tank and shake vigorously for 5 to 10 seconds. To avoid excess foam, slowly add the remaining water.

Tank Mixing: Unless prohibited by a product's label, users at their own discretion, can tank mix pesticides currently labeled for similar use patterns. It is always recommended that a small jar compatibility test using proper proportions of chemicals and water be run to check for physical compatibility prior to tank mixing. Do not tank mix this product with products containing dichlorvos (DDVP).

Application Methods:

This product may be applied indoors as crack and crevice, spot, and broadcast treatments. Treat where pests are found or normally occur. Except as noted under Food Handling Establishment Directions, applications can be made in 7-day intervals. If necessary, XRM-5184 L.O. insecticide may be applied after 2 days from last treatment (Call back treatments), but such use should be limited to once per month.

Spot, or Crack and Crevice Applications: Use a low pressure system with a pinpoint or variable pattern nozzle to apply the spray mixture to areas such as: floors, cracks and crevices in and around baseboards, walls, expansion joints, areas around water and sewer pipes, and voids formed by equipment or appliances.

Spot and Broadcast Applications: Use a low pressure system with fan type nozzle to uniformly apply the spray mixture to areas such as floor, ceiling and wall surfaces, in and around cupboards, and between, beneath and behind equipment or appliances. XRM-5184 L.O. may be applied as a broadcast spray to entire floor areas for control of insects such as fleas, ticks and carpet beetles.

Note: Thoroughly ventilating treated areas following broadcast treatments can reduce potential odors. Ventilation in buildings with closed air circulating systems can be improved by adjusting ventilation systems to include outside air for about 24 hours.

Cabinet Interiors: When treating interiors of cabinets containing food or food utensils, remove or otherwise protect such items from contact with spray. Allow spray to dry before returning food or food utensils to treated cabinets. Prevent the above items from directly contacting treated surfaces. Shelf liners or similar material can provide adequate protection from treated surfaces. Thoroughly wash dishes, food utensils or food contacting surfaces with soap and water if they are directly exposed to this product.

Food Handling Establishments: XRM-5184 L.O. may be applied in both food and nonfood areas of all types of food handling establishments, i.e. food service, food processing and food manufacturing establishments. This includes, but is not limited to, restaurants, grocery stores, bakeries, bottling plants, canneries, and grain mills. See Application Sites for a more complete but not exhaustive listing.

This product is also acceptable for use in edible product areas of official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs, as a spot and crack and crevice treatment.

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Note: Applications of this product within food handling areas are limited to spot and crack and crevice treatments. Applications can be applied in 7 day intervals in restaurants and similar food service establishments and applied in 14 day intervals in other types of food-handling establishments. If necessary, XRM-5184 L.O. insecticide may be applied after 2 days from last treatment (Call back treatments), but such use should be limited to once per month.

Indoor Pests Controlled With XRM-5184 L.O.

Ants(1)	Firebrats
Beetles	Fleas(5)
Boxelder bugs (or other True Bugs)	Flour beetles (Confused, Red, Saw-toothed)
Brown dog ticks(2)	Indian meal moths
Carpet beetles(3)	Mediterranean flour moths
Centipedes	Millipedes
Clover mites	Rice weevils
Cockroaches (Such as: American, Brownbanded, German, Oriental, Smokey brown, Asian)(4)	Silverfish
Crickets	Scorpions
Earwigs	Sowbugs
	Spiders
	Ticks
	And other insect pests

*Numbers in parentheses refer to Specific Use Directions.

SPECIFIC INDOOR USE DIRECTIONS

- 1) Ants may be controlled by treating ant trails and wherever else these pests may find entrance. For example, around doors and windows.
- 2) Brown dog ticks may be controlled by applying spray to infested areas, nearby cracks and crevices, along baseboards, windows and door frames, where these pests may be present. For best results, old bedding should be removed or replaced with clean, fresh bedding after treatment. Do not treat pets with this product.
3. Carpet beetles may be controlled by thoroughly applying the spray along baseboards and edges of carpeting; under carpeting, rugs and furniture, in closets and on shelving.
4. Cockroaches can be controlled by making crack and crevice, and spot treatments. Treat where insects are found or normally occur including, but not limited to floors, cracks and crevices in walls, along and behind baseboards, around plumbing, floor drains and other utility installations, beneath and behind sinks, cabinets or other fixtures. Applications within food handling areas are limited to spot and crack and crevice treatments.
5. Fleas are best controlled by a total management program. It is suggested that infested areas indoors be thoroughly vacuumed prior to treatment. These areas include all carpet, upholstered furniture, baseboards and other indoor areas frequented by pets. The vacuum cleaner bag should be discarded in an outdoor trash container. Pet bedding should be cleaned or replaced.

Effective flea control includes controlling the source of flea infestations. This usually requires treatment of pets with a product registered for flea control on animals and treating outside areas frequented by pets. XRM-5184 L.O. can also be applied outdoors for flea control.

Indoor flea control is achieved by thorough coverage and deep carpet penetration. Volume of spray depends upon carpet density. Provide uniform coverage but do not soak treated areas. Entire carpets may be treated.

Thoroughly apply diluted XRM-5184 L.O. to infested areas as broadcast or spot treatments. Use a 0.25% dilution at the rate of 1 gallon diluted spray per 800 to 1600 sq. ft. depending upon carpet density. For medium to thick pile carpet, a 0.25% dilution applied at a rate of 1 gallon of diluted spray per 800 square feet has been shown to be most effective. For extended residual control a 0.5% dilution applied at a rate of 1 gallon of diluted spray per 1,600 square feet may be used.

If fleas reappear within 1-2 weeks after treatment it is probably because they have hatched from their pupal (cocoon) stage or continue to be brought in from outdoors.

Other than the applicator, treated areas should be vacated during application. Cover aquaria and fish bowls and remove other pets. Do not permit humans or pets to contact treated areas until spray has thoroughly dried. Do not treat pets with this produce.

GENERAL PEST CONTROL OUTDOORS

Directions For General Use Outdoors

XRM-5184 L.O. insecticide is intended to be mixed with water and applied outdoors with pressurized sprayers as a general surface spray. The active ingredient in this product will provide effective residual control of pests listed on this label.

Handling Procedures For General Use Outdoors

- * Do not allow adults, children or pets on treated areas until spray has dried.
- * Keep out of fishpools or other bodies of water.
- * Do not treat vegetable gardens.
- * Do not allow livestock to graze in treated areas.
- * Do not feed treated grass cuttings (hay) or seed screenings to livestock, nor use treated hay for livestock bedding.

Sites: When used in accordance to label directions XRM-5184 L.O. may be applied to and around outside surfaces of residential and nonresidential buildings and structures. Permitted areas of use include but are not limited to:

- | | |
|-------------|------------------------|
| Decks | Ornamental plantings* |
| Driveways | Patios |
| Eaves | Refuse dumps |
| Fences | Walkways |
| Foundations | Walls |
| Garages | Window and door frames |
| Lawns | |

* Note: XRM-5136 products have been successfully used to treat pests of numerous ornamental plants without causing serious phytotoxic injury. However, environmental factors and plant species differences have significant effects on phytotoxic expression. The following species have displayed significant sensitivity to XRM-5136 products: azaleas, camellias, poinsettias, rose bushes, and variegated ivy. Apply to these species at your own risk.

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Rates: Applications of 0.03% to 0.5% XRM-5184 L.O. can be made depending on pest species and method of application. See Application Methods for additional information.

Mixing Instructions: To make a 0.03% water based spray add 1 2/3 fl oz (49 ml) XRM-5184 L.O. per 10 gallons of spray. To make a 0.5% water based spray add 2 2/3 fl oz (79 ml) XRM-5184 L.O. per each gallon of spray.

A stable micro-emulsion of XRM-5184 L.O. insecticide can be formed by first adding approximately one-half the water to the spray tank followed by adding the proper amount of XRM-5184 L.O. Close the tank and agitate for 5 to 10 seconds. Add remaining water slowly to avoid excess foam.

Tank Mixing: Unless prohibited by a product's label, users at their own discretion, can tank mix pesticides currently labeled for similar use patterns. It is always recommended that a small jar compatibility test using proper proportions of chemicals and water be run to check for physical compatibility prior to tank mixing. Do not tank mix this product with products containing dichlorvos (DDVP).

Application Methods:

This product may be applied outdoors as a general surface spray. Treat where pests are found or normally occur. Applications can be made in 7 day intervals. If necessary, XRM-5184 L.O. insecticide may be applied after 2 days from last treatment (Call back treatments), but such use should be limited to once per month.

Low Volume Directed Sprays: Application of low volume, high concentration (about 0.5%), sprays can quickly reduce localized heavy pest infestations on outside surfaces. Use a low pressure system with a pinpoint or variable pattern nozzle, such as a 1 gallon hand pump sprayer, and apply the spray mixture to specific areas such as cracks and crevices along walkways, patios, windows and door frames or other areas where insects may congregate or can gain entrance to the structure.

High Volume Broadcast Sprays: Application of high volume, low concentration (0.03% - 0.12%) sprays, such as with power spraying equipment, can help prevent infestation of buildings by reducing pests in outdoor areas. Longer residual is achieved at the higher rates (about 0.12%). ↑ This type of treatment provides more thorough coverage over large areas than low volume directed sprays. Treat by applying spray mixture directly to areas such as flower beds, junctions of soil and structural walls, along base of fences, and under eaves. Apply as a coarse spray at the rate of about 10 gallons spray mixture per 1,000 sq. ft. Thoroughly and uniformly wet the treated area.

To make a 0.03% water based spray, mix 8 2/3 fluid ounces (256 ml) of XRM-5184 per 50 gallons. To make a 0.12% dilution, mix 35 fluid ounces (1024 ml) of XRM-5184 per 50 gallons. of water.

OUTDOOR PESTS CONTROLLED BY XRM-5184 L.O.

Ants	Fleas
Bees	Flies
Beetles	Hornets
Boxelder bugs (or other True Bugs)	Millipedes
Carpenter ants	Mosquitoes
Centipedes	Pillbugs
Clover mites	Scorpions (2)
Cockroaches (Such as: American, Brownbanded, German, Oriental, Smokey brown, Asian)	Sowbugs
Crickets	Spiders
Earwigs	Springtails
Elm Leaf Beetles (adults)	Ticks
Fire Ants (1)	Wasps
	Yellowjackets
	And other outdoor insects

*Numbers in parentheses refer to Specific Directions.

SPECIFIC OUTDOOR USE DIRECTIONS

1. Fire Ants may be controlled by applying ^{the dilution} ~~spray mixture~~ to individual fire ant mounds as a drench treatment. Apply at a rate of 1 fl oz (30 ml) per each 2 gallons of spray mixture. Satisfactory results can be expected by applying 2 gallons of dilution per mound. Adjust volume according to mound size to avoid runoff. Allow 7 to 10 days to achieve maximum effectiveness. Whenever possible, avoid disturbing the mounds.
2. Scorpions may be controlled by removing accumulations of lumber, firewood and other materials serving as harborage sites. Before stacking firewood or lumber, apply XRM-5184 L.O. as a localized spray to surfaces immediately below such materials. Broadcast sprays outdoors may assist in reducing pests immigrating from surrounding areas.

GENERAL CONTROL OF WOOD-INFESTING INSECTS

Directions For General Use To Control Wood-Infesting Insects

XRM-5184 L.O. insecticide is intended to be mixed with water and applied as a general surface or localized injection treatment with pressurized sprayers or other equipment suitable for applying insecticides to localized areas. The active ingredient in this product can provide effective residual control of pests listed on this label.

Handling Procedures for Control of Wood-infesting Insects:

- * Contact with treated surfaces should be avoided until spray has dried.
- * Cover or remove exposed foods before treatment.
- * Before spraying remove pets and cover aquaria, i.e. fishbowls and turn off air pump.
- * Do not apply where electrical short circuits could occur.
- * Do not use in structures housing animals which are intended for or which produce products to be used for food purposes, i.e. poultry houses.
- * Thoroughly ventilating treated areas following broadcast treatments can reduce potential odors. Ventilation in buildings with closed air circulating systems can be improved by adjusting ventilation systems to include outside air for about 24 hours.

Protective Clothing:

Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. As a minimum, eye protection, chemically resistant gloves and footwear, a long-sleeved shirt and long-legged pants or coveralls are recommended. To avoid breathing spray mist during application in confined areas, wear a mask or respirator of a type recommended by NIOSH for filtering spray mists.

Sites: When used in accordance to label directions XRM-5184 L.O. can be applied to residential and nonresidential buildings and structures for control of wood-infesting insects. Permitted areas of use include but are not limited to:

- Wood surfaces
- Voids and channels in damaged wood
- Gaps between wooden members
- Wall Voids
- Junctions between wood and foundation

Rates: Applications of 0.5% to 1.0% XRM-5184 L.O. can be made depending on pest species and method of application. Expect increased residual control at higher rates. See Specific Use Directions For Control of Wood-Infesting Insects for additional information.

Mixing Instructions: To make a 0.5% water based spray mix 2 2/3 fl oz (79 ml) of XRM-5184 L.O. per each gallon of spray mixture. To make a 1.0% water based spray mix 5 1/3 fl oz (158 ml) of XRM-5184 L.O. per each gallon of spray mixture.

A stable micro-emulsion of XRM-5184 L.O. insecticide can be formed by first adding approximately one-half the water to a spray tank followed by adding the proper amount of XRM-5184 L.O. Close the tank and shake vigorously for 5 to 10 seconds. To avoid excess foam, slowly add the remaining water.

Tank Mixing: Unless prohibited by a product's label, users at their own discretion, can tank mix pesticides currently labeled for similar use patterns. It is always recommended that a small jar compatibility test using proper proportions of chemicals and water be run to check for physical compatibility prior to tank mixing. Do not tank mix this product with products containing dichlorvos (DDVP).

Application Methods:

This product may be applied either as a coarse spray or by brushing onto targeted surfaces. Equipment capable of delivering a coarse, low pressure (about 20 psi) spray is recommended for treatment of large or overhead areas.

Inaccessible areas such as wall voids can be treated by injecting the spray mixture under low pressure (about 20 psi) through drilled openings. Use sufficient amount of spray dilution to cover the area to the point of wetness but avoid applying to the point of runoff.

Overhead areas: It is recommended that when spraying overhead interior living areas of residential buildings, surfaces below areas being treated be covered with plastic sheeting or other material which could be disposed of by placing in trash.

Wood Infesting Insects Controlled With XRM-5184 L.O.*

- Beetles (such as: Anobiidae, Bostrichidae,
Cerambycidae, Lyctidae (1))
- Carpenter Ants and other wood-infesting ants (2)
- Carpenter bees
- Termites (3)

*Numbers in parentheses refer to Specific Use Directions.

SPECIFIC USE DIRECTIONS FOR CONTROL OF WOOD INFESTING INSECTS

- 1) Beetles may be controlled by applying spray mixture to infested areas, or areas where infestations are likely to occur. This includes but is not limited to wood surfaces, voids and channels in damaged wood, in spaces between wooden members of a structure, and junctions between wood and foundations. Use the following guidelines to determine appropriate rates of application:

New Wood, (typically less than 10 years of age) apply at about 1 gallon of dilution per 150 square feet.

Old Wood, (typically greater than 10 years of age) apply about 1 gallon of dilution per 100 square feet.

- 2) Wood-Infesting Ants may be controlled by applying spray mixture around doors and windows, cracks or crevices, or other areas where ants may enter, crawl or hide.

Primary colonies are typically found outside through an exterior inspection. Correction of sanitation and structural deficiencies or landscape modifications may be necessary for effective control.

- 3) Termites can be treated by applying spray mixture to infested areas, or areas where infestations are likely to occur. This includes but is not limited to wood surfaces, voids and channels in damaged wood, in spaces between wooden members of a structure, and junctions between wood and foundations.

This treatment is intended to kill localized infestations of workers and winged reproductive forms of termites and to prevent infestation for a temporary period. This application is not intended as a substitute for soil treatments.

STORAGE AND DISPOSAL

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

Storage: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides or fertilizers. Do not store above 122° F. for extended periods of time. Preferred storage is above 32° F. Storage below 32° F may result in solidification. If warmed to above 32° F, product will return to original form. Freezing does not adversely affect this product. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

Pesticide Disposal: Excess pesticide resulting from the use of this product may be disposed of on site according to label directions or at an approved waste disposal facility.

Container Disposal: Do not reuse empty container. Triple rinse, wrap container and put in trash.

Do Not Remove Packages From Container Except For Immediate Use

WARRANTY LIMITATIONS AND DISCLAIMER

The Dow Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions therein under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller. When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify in writing The Dow Chemical Company of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of The Dow Chemical Company or any other seller will be one of the following, at the election of The Dow Chemical Company: (1) Refund of purchase price paid by buyer or user for product bought, or (2) Replacement of amount of product used. The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations And Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations And Disclaimer in any manner.

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NA 2783 ORM-A

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Midland, Michigan 48674 U.S.A.

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