

ArChem 46% EMULSIFIABLE CHLORDANE should be diluted with water, 1 part 46% emulsion to 24 parts of water for a 2% solution. This concentrate contains 4 lbs. of Technical Chlordane per gallon.

ArChem 5212 Chlordane is to be used for termite control and inside service work. It is not 100% stable but will readily stay in suspension with slight agitation.

LAWN APPLICATIONS: The following insects are controlled by the recommended dosages as given in terms of volume by ArChem 46% Chlordane emulsifiable concentrate to be added to 5 gallons of water and sprayed or sprinkled on 1,000 square feet of lawn area. For the control of the following insects:

Armyworms, Fall Armyworms and Crickets: Mix 3 tablespoons in 5 gallons of water. After spray is applied do not sprinkle lawn for 48 hours.

Earwigs: Mix 6 tablespoons in 5 gallons of water. Apply spray around foundation of the house, along fences, around refuse or trash, and other possible hiding places of this pest.

Chiggers, Ticks: Mix 3 tablespoons in 5 gallons of water. After spray is applied do not sprinkle lawn for 48 hours.

Fire Ants, Pharaoh Ants: Mix 2 1/4 tablespoons in 5 gallons of water. After spray is applied do not sprinkle lawn for 48 hours. Apply spray thoroughly in and around the ant hills.

Grasshoppers: Mix 2 1/4 tablespoons in 5 gallons of water. After spray is applied do not sprinkle lawn for 48 hours.

Wireworms and Cutworms: Mix 3 to 12 tablespoons in 5 gallons of water. After spray is applied, it is important to thoroughly soak the soil with water.

Sod Webworms and Lawn Moths: 1/4 to 1/2 measuring cup (2 to 4 fl. oz.) in 5 gallons of water. For solid type soils, as peat or muck use 1 measuring cup of concentrate for clay and loams, use 3/4 cup, and for sandy soil use 1/2 cup. After applying spray, it is important to soak the lawn thoroughly with additional water. Sprinkle lawn before applying spray, then do not sprinkle again for 48 hours.

White Grubs, Japanese Beetle Larvae: 1/2 to 1 measuring cup (4 to 8 fl. oz.) in 5 gallons of water. For solid type soil, as peat or muck use 1 measuring cup of concentrate, for clay and loams, use 3/4 cup, and for sandy soil use 1/2 cup. After applying spray, it is important to soak the lawn thoroughly with more water.

Termite Application: Buildings Having Basements or Crawl Spaces: Dig a trench along the outside of the foundation walls. In brick or hollow block or concrete foundations, dig a trench to, but not below, the footing. Then as the trench is refilled, treat the soil at the rate of 4 gallons per 10 linear feet for each foot of depth. A trench 3 feet deep would require 12 gallons per 10 linear feet.

The objective is to establish a treated soil barrier which will prevent termite entry. Other critical areas may also require treatment. It is suggested that you consult the State Extension Service for advice. Because of the difficulty of properly treating for termite infestation and because of the structural changes often necessary, we advise that this treatment be applied by a PROFESSIONAL PEST CONTROL OPERATOR.

KEEP CHILDREN AND PETS OFF TREATMENT AREAS UNTIL THIS MATERIAL IS WASHED INTO THE SOIL AND GRASS IS DRY.

EPA Reg. No. 7122-103
EPA Est 7122-OH-1
Batch No.

Date 4-18-74

Packed By

AR-289

GUARDIAN



Net
Contents:

46% EMULSIFIABLE CHLORDANE Concentrate No. 5212

| | | |
|------------------------|-------|------|
| Active Ingredients: | | 95% |
| Technical Chlordane* | 46% | |
| Petroleum Hydrocarbons | 49% | |
| Inert Ingredients: | | 5% |
| | Total | 100% |

*Equivalent to 27.6% Octachloro-4, 7-Methano Tetrahydroindane and 18.4% of related compounds.

CAUTION

Keep Out Of Reach Of Children

(See side panel for additional cautions)

ACCEPTED
AT THE
EPA
JUL 16 1975

1514 Eleventh Street
Portsmouth, Ohio 45662
Phone 614/353-1125

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

HOUSEHOLD APPLICATION: ArChem 46% Chlordane emulsion diluted as directed below and sprayed as a coarse spray in areas such as window frames, floor moldings, water pipes and other places of the insect pests. In interior situations the residue should be effective for approximately two months. Surfaces exposed should be treated periodically as needed.

Add 2-3 tablespoons of ArChem 46% Chlordane emulsifiable water, stir, and apply as follows:

Roaches or Waterbugs: Thoroughly treat infested cracks and crevices on exposed surfaces where roaches will crawl when treatment when necessary.

Ants: Thoroughly treat ant trails. It is frequently desirable to treat water pipes, heat ducts, electric outlets and baseboards when they are from wall spaces and partitions. Repeat treatment as often as necessary.

SILVERFISH: Thoroughly treat baseboards, areas behind doors and areas and any other infested cracks or hiding places.

SPIDERS: Apply as wet spray along infested baseboards and pipes, storage localities and other areas infested. Repeat treatment as necessary.

CARPET BEETLES: Apply to localized areas of the floor baseboards and work the material into cracks and under carpets where they are. Treat underside of infested carpeting.

FLIES AND MOSQUITOES: For reducing the fly and mosquito problem in the dwelling, apply by brushing or as coarse wet spray to areas such as around windows, doors and screens. Apply and in out buildings.

CAUTION
DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT

APPLICATIONS WITHIN FOOD AREAS OF FOOD HANDLING EQUIPMENT LIMITED TO CRACK AND CREVICE TREATMENT ONLY. DO NOT DEPOSIT MATERIAL DIRECTLY INTO CRACKS AND CREVICES. DO NOT DEPOSIT MATERIAL BETWEEN EQUIPMENT BASES AND THE FLOOR. DO NOT DEPOSIT MATERIAL IN HOUSING, JUNCTION BOXES OR HOLLOW EQUIPMENT. DO NOT DEPOSIT MATERIAL IN ES, WATERBUGS, ANTS, SPIDERS, SILVERFISH HIDE. AVOID DEPOSITING THE PRODUCT ONTO EXPOSED SURFACES. AVOID DEPOSITING THE MATERIAL INTO THE AIR. AVOID CONTAMINATING SURFACES.

FOR CRACK AND CREVICE TREATMENT USE A 2-3% SOLUTION. DO NOT APPLY THIS PRODUCT IN THE FOOD AREAS OF RESTAURANTS, HOTELS, AND OTHER ESTABLISHMENTS, OTHER THAN CRACK AND CREVICE TREATMENT.

EQUIPMENT THAT CAN DELIVER A PENCIL THIN STREAM OF MATERIAL INTO CRACKS AND CREVICES. AVOID DEPOSITING THE PRODUCT ONTO EXPOSED SURFACES. NOT BE APPROPRIATE FOR THIS TYPE OF TREATMENT.

CAUTION
DO NOT USE IN CONDUITS OR ELECTRICAL SWITCHES. SHOCK HAZARD.

CAUTION
Contact with skin causes toxic symptoms. Harmful if inhaled. Avoid contamination of feed and foodstuffs. KEEP OUT OF REACH OF CHILDREN.

ANTIDOTE
EXTERNAL: In case of spillage on skin, wash with warm water. INTERNAL: CALL A PHYSICIAN IMMEDIATELY.

This product is toxic to fish, birds, and other wildlife. Birds and animals should be kept out of any body of water. Do not apply to water. Do not contaminate water by cleaning of equipment, or discharge only as specified on this label.

Container Disposal
Do not reuse empty container. Destroy it by perforating, and disposing in a safe place away from water supplies. Do not reuse empty drum. Return to drum container or manufacturer and burying in a safe place away from water supplies.

ArChem 46 - EMULSIFIABLE CHLORDANE should be diluted with water to make a 2% solution. The concentrate contains 4 lbs. of Technical Chlordane per gallon.

ArChem 5212 Chlordane is a fine, dry, free-flowing, white, crystalline powder. It is not soluble in water but will remain in suspension in water.

LAWN APPLICATIONS: The following insects are controlled by the recommended dosages as given in terms of volume by ArChem 46. The emulsifiable concentrate should be diluted in 20 gallons of water and sprayed or sprinkled on 1,000 square feet of lawn area. For the control of the following insects:

Armyworms, Fall Armyworms and Crickets: Mix 1 1/2 tablespoons in 5 gallons of water. After spray is applied do not sprinkle lawn for 48 hours.

Earwigs: Mix 1 1/2 tablespoons in 5 gallons of water. Apply spray around perimeter of the house along to, and around edges of, lawn and other possible hiding places of this pest.

Chiggers, Ticks: Mix 3 1/2 tablespoons in 5 gallons of water. After spray is applied do not sprinkle lawn for 48 hours.

Fire Ants, Pharaoh Ants: Mix 2 1/2 tablespoons in 5 gallons of water. After spray is applied do not sprinkle lawn for 48 hours. Apply spray thoroughly in and around the ant hills.

Grasshoppers: Mix 2 1/2 tablespoons in 5 gallons of water. After spray is applied do not sprinkle lawn for 48 hours.

Wireworms and Cutworms: Mix 3 to 12 tablespoons in 5 gallons of water. After spray is applied, it is important to thoroughly soak the soil with water.

Sod Webworms and Lawn Moths: 1/2 to 1 measuring cup (2 to 4 fl. oz.) in 5 gallons of water. For solid type soils (clay or muck) use 1 measuring cup of concentrate for clay and loams use 1/2 cup, and for sandy soil use 1/4 cup. After applying spray, it is important to soak the lawn thoroughly with additional water. Sprinkle lawn before applying spray, then do not sprinkle again for 48 hours.

White Grubs, Japanese Beetle Larvae: 1/2 to 1 measuring cup (4 to 8 fl. oz.) in 5 gallons of water. For solid type soils (clay or muck) use 1 measuring cup of concentrate for clay and loams use 1/2 cup, and for sandy soil use 1/4 cup. After applying spray, it is important to soak the lawn thoroughly with more water.

Termite Application: Buildings Having Basements or Crawl Spaces: Dig a trench along the outside of the foundation walls of brick or masonry buildings on concrete foundations and 1/2 to 1 foot, but not below, the footing. There as the trench is created, treat the soil at the rate of 1/2 cup per 10 square feet for each foot of depth. A trench 3 feet deep and 12 inches wide requires 12 gallons per 100 sq. ft. of soil. The concentrate is to be mixed with treated soil in a way which will prevent a termite from getting to any untreated soil. It is suggested that you contact the State Extension Service for advice on the proper application of this product. For more information, contact the nearest Federal Agricultural Extension Administration office. This product is registered with the U.S. Department of Agriculture as a PROFESSIONAL PEST CONTROL OPERATOR.

KEEP CHILDREN AND PETS OFF TREATMENT AREAS UNTIL THIS MATERIAL IS WASHED INTO THE SOIL AND GRASS IS DRY.

EPA Reg. No. 7122-103
EPA Est. 7122-OH-1
Batch No.

Date 4-18-74

Packed By

AR 1-9

GUARDIAN



Net

Contents:

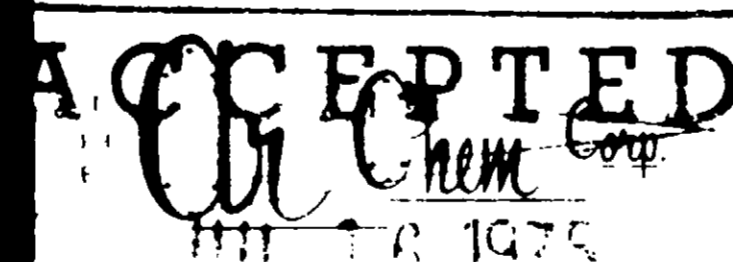
46% EMULSIFIABLE CHLORDANE

Concentrate No. 5212

| | | |
|------------------------|-------|------|
| Active Ingredients: | | 95% |
| Technical Chlordane | 46% | |
| Petroleum Hydrocarbons | 49% | |
| Inert Ingredients: | | 5% |
| | Total | 100% |

*Equivalent to 25% Deltamethrin 1.7 M...
and 12% of treated compounds

(See side panel for additional cautions)



1514 Eleventh Street
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Under the Federal Insecticide, Fungicide, and Rodenticide Act...
registered...
EPA Reg. No.

HOUSEHOLD APPLICATION: ArChem 46 - Chlordane is diluted as directed below and sprayed as a coarse spray in areas such as window frames, floor moldings, water pipes, and other places of the insect pests. In interior situations the result will be effective for approximately two months. Surfaces exposed should be treated periodically as needed.

Add 2 2/3 tablespoons of ArChem 46 - Chlordane emulsifiable concentrate to 5 gallons of water, stir, and apply as follows:

Roaches or Waterbugs: Thoroughly treat infested cracks and crevices on exposed surfaces where roaches will crawl when treatment is necessary.

Ants: Thoroughly treat ant trails. It is frequently desirable to treat water pipes, heat ducts, electric outlets and baseboards which are in wall spaces and partitions. Repeat treatment as often as necessary.

SILVERFISH: Thoroughly treat baseboards, areas behind doors, and any other infested cracks or hiding places.

SPIDERS: Apply as wet spray along infested baseboards, pipes, storage localities and other areas infested.

CARPET BEETLES: Apply to localized areas of the floor by working the material into cracks and under carpets where they are hiding.

FLIES AND MOSQUITOES: For reducing the fly and mosquito problem, apply by brushing or as coarse wet spray to screens such as around windows, doors and screens. Apply and in out buildings.

APPLICATIONS WITHIN FOOD AREAS OF FOOD PROCESSING PLANTS: LIMITED TO CRACK AND CREVICE TREATMENT ONLY. DO NOT APPLY TO MATERIAL DIRECTLY INTO CRACKS AND CREVICES BETWEEN EQUIPMENT BASES AND THE EQUIPMENT. HOUSING, JUNCTION BOXES OR HOLLOW EQUIPMENT. ES, WATERBUGS, ANTS, SPIDERS, SILVERFISH HIDE. AVOID DEPOSITING THE PRODUCT ONTO EXPOSED SURFACES. AVOID DEPOSITING THE PRODUCT ONTO EXPOSED SURFACES.

FOR CRACK AND CREVICE TREATMENT USE A PENCIL THIN STRIP OF MATERIAL: APPLICATION OF THIS PRODUCT IN THE FOOD ESTABLISHMENTS, OTHER THAN CRACK AND CREVICE TREATMENT.

EQUIPMENT THAT CAN DELIVER A PENCIL THIN STRIP OF MATERIAL: BE USED FOR CRACK AND CREVICE TREATMENT. AVOID DEPOSITING THE PRODUCT ONTO EXPOSED SURFACES.

CAUTION: DO NOT USE IN CONDUITS OR ELECTRICAL SWITCHES. SHOCK HAZARD.

CAUTION: Contact with skin causes toxic symptoms. Harmful if swallowed. Avoid contamination of feed and foodstuffs. KEEP OFF.

EXTERNAL: In case of spillage on skin, wash with water. **INTERNAL: CALL A PHYSICIAN IMMEDIATELY.**

This product is toxic to fish, birds, and other wildlife. Do not apply to water. Do not contaminate water by cleaning of equipment or discharge only as specified on this label.

Container Disposal: Do not reuse empty container. Destroy it by perforating a safe place away from water supplies. Do not reuse empty drum. Return to drum container or other safe place away from water supplies.

GUARDIAN



Net
Contents:

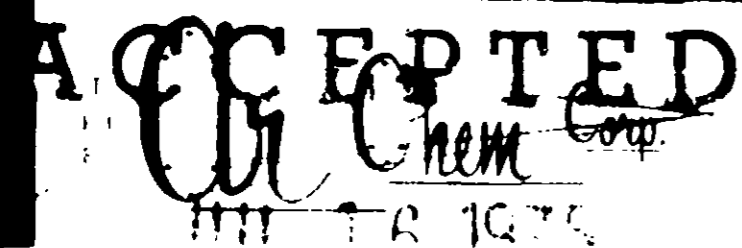
46% EMULSIFIABLE CHLORDANE

Concentrate No. 5212

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|------------------------|-----|------|
| Active Ingredients: | | 95% |
| Chlordane | 46% | |
| Petroleum Hydrocarbons | 49% | |
| Inert Ingredients: | | 5% |
| Total | | 100% |

*Equivalent to 27% DDT, 1.5% Methoxy Fluorfenoxuron, and 18.5% of related compounds

(See side panel for additional cautions)



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Portsmouth, Ohio 45662
Phone 614/353-1125

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended by thepesticide
Registration Act
EPA Reg. No.

HOUSEHOLD APPLICATION: ArChem 46% Chlordane emulsifiable concentrates can be diluted as directed below and sprayed as a coarse spray or brushed on cracks or other areas such as window frames, floor moldings, water pipes and the natural habitats and hiding places of the insect pests. In interior situations the residual action of the insecticide will be effective for approximately two months. Surfaces exposed to weathering or washings should be treated periodically as needed.

Add 2-3 tablespoons of ArChem 46% Chlordane emulsifiable concentrate to one quart of water, stir, and apply as follows:

Roaches or Waterbugs: Thoroughly treat infested cracks and other hiding places. Apply locally on exposed surfaces where roaches will crawl when they come out of hiding. Repeat treatment when necessary.

Ants: Thoroughly treat ant trails. It is frequently desirable to treat the openings around water pipes, heat ducts, electric outlets and baseboards where ants may come out into rooms from wall spaces and partitions. Repeat treatment as often as necessary.

SILVERFISH: Thoroughly treat baseboards, areas behind shelving, bookcases and storage areas and any other infested cracks or hiding places.

SPIDERS: Apply as wet spray along infested baseboards and corners. In basements, treat pipes, storage localities and other areas infested. Repeat treatment where necessary.

CARPET BEETLES: Apply to localized areas of the floor baseboards and closet shelving and work the material into cracks and under carpets where these insects may be found. Treat underside of infested carpeting.

FLIES AND MOSQUITOES: For reducing the fly and mosquito population that may enter the dwelling, apply by brushing or as coarse wet spray to selected outside portions of residence such as around windows, doors and screens. Apply to walls and ceilings of porches and in out buildings.

APPLICATIONS WITHIN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS LIMITED TO CRACK AND CREVICE TREATMENT ONLY. APPLY A SMALL AMOUNT OF MATERIAL DIRECTLY INTO CRACKS AND CREVICES, SUCH AS EXPANSION JOINTS BETWEEN EQUIPMENT BASES AND THE FLOOR, WALL VOIDS, MOTOR HOUSING, JUNCTION BOXES OR HOLLOW EQUIPMENT LEGS, WHERE COCKROACHES, WATERBUGS, ANTS, SPIDERS, SILVERFISH HIDE. CARE SHOULD BE TAKEN TO AVOID DEPOSITING THE PRODUCT ONTO EXPOSED SURFACES OR INTRODUCING THE MATERIAL INTO THE AIR. AVOID CONTAMINATION OF FOOD OR FOOD PROCESSING SURFACES.

FOR CRACK AND CREVICE TREATMENT USE A 2-3% SOLUTION. APPLICATION OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN CRACK AND CREVICE TREATMENT, IS NOT PERMITTED.

EQUIPMENT THAT CAN DELIVER A PENCIL-THIN STREAM OF INSECTICIDE MUST BE USED FOR CRACK AND CREVICE TREATMENT. A COARSE WET SPRAY WOULD NOT BE APPROPRIATE FOR THIS TYPE OF TREATMENT.

CAUTION
DO NOT USE IN CONDUITS OR ELECTRICAL SWITCH BOXES DUE TO POSSIBLE SHOCK HAZARD.

CAUTION
Contact with skin causes toxic symptoms. Harmful if swallowed. Avoid inhaling spray mists. Avoid contamination of feed and foodstuffs. **KEEP OUT OF REACH OF CHILDREN**

ANTIDOTE
EXTERNAL: In case of spillage on skin, wash with warm soap and water.
INTERNAL: CALL A PHYSICIAN IMMEDIATELY.

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated area may be killed. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Container Disposal
Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies.
Do not reuse empty drum. Return to drum container or destroy by perforating or crushing and burying in a safe place away from water supplies.