

## Algaecide K-420

ACCEPTED  
45388-1

JUN 1 1981

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

### ACTIVE INGREDIENT:

Poly(oxyethylene (dimethyliminio) ethylene-  
(dimethyliminio) ethylene dichloride) ..... 10.0%

INERT INGREDIENT ..... 90.0%

This product contains 0.85 lb. of active ingredient per gallon and weighs 8.49 lb. per gallon.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

**FIRST AID:** If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

### DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

Algaecide K-420 is used to control algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers. Prior to its use, systems must be cleaned to remove algal growth, microbiological slime, and other deposits. An initial slug addition of 6.13 to 15.32 fluid ounces of Algaecide K-420 per 1000 gallons of water to provide a concentration of 48 to 120 parts per million of Algaecide K-420, based on the total weight of water in the system, is recommended. Repeat initial dosage until control is evident.

Subsequent additions of 1.53 to 15.32 fluid ounces of Algaecide K-420 per 1000 gallons of water (2 to 120 parts per million of Algaecide K-420) should be employed every 2 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of water cooling towers.

Algaecide K-420 is used to control bacteria in industrial air-washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 24.7 to 41.2 fluid ounces of Algaecide K-420 per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 16.9 to 41.2 fluid ounces of Algaecide K-420 per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or to the water collection trays of the airwash system.

**STORAGE & DISPOSAL:** Keep container closed when not in use. Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Rinsate that cannot be used or reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Open dumping is prohibited.

☐ **METAL CONTAINERS:** Triple rinse and offer for recycling, reconditioning, or disposal in an approved landfill or bury in a safe place.

☐ **PLASTIC CONTAINERS:** Do not reuse empty container. Triple rinse and incinerate or dispose of in an approved landfill or bury in safe place.

Manufactured by:

King Chemical Company, Inc.  
Centennial Commerce Center

2147 Centennial Rd., Salina, KS 67401

EPA REG. NO. 45388-1

EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_

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Do not apply sprays of this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use in poultry houses or other animal buildings. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (tanks) before spraying.

Application within residential buildings including homes and apartment buildings and within nonresidential areas of industrial, institutional, and commercial buildings including hospitals, stores, manufacturing plants and restaurants: For spot treatment only - Apply as a coarse spray or with a paint brush to localized areas where COCKROACHES (including strains resistant to certain other insecticides), ANTS, CLOVER MITES, CRICKETS, FIREBRATS, SILVERFISH, and SPIDERS are found or normally occur including dark corners of rooms and closets, cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators and cabinets, around plumbing and other utility installations. For ants apply to ant trails, also around doors and windows and wherever else these pests may find entrance. NOTE: A period of 4 to 7 days is normally required for maximum effect on cockroaches.

FOR CONTROL OF CARPET BEETLES, thoroughly apply as a spray for spot treatment along baseboards and edges of carpeting, under carpeting, rugs, and furniture, in closets and on shelving, and wherever else these insects are seen or suspected.

FOR CONTROL OF FLEAS AND BROWN DOG TICKS, thoroughly apply as a spray for spot treatment to infested areas such as pet beds and resting quarters; nearby cracks and crevices; along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment of pet area. DO NOT TREAT PETS WITH THIS PRODUCT. To control the source of flea infestation, pets inhabiting the treated premises should be treated with a product registered for application to animals.

#### PESTS OUT-OF-DOORS

FLIES, MOSQUITOES: For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

ANTS, BROWN DOG TICKS, CRICKETS, FLEAS AND EARWIGS: For treatment of localized infestations of these insects in outdoor areas where there are weeds or brushy non-travel areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat applications as infestations warrant and as reinfestations occur.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label. It is not used in accordance with directions under normal conditions of use, even though the warranty for 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 or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

EPA Reg. No. 299-214

EPA Est. No. 299-T-1



**CONTROLS:** Cockroaches, Crickets, Ants, Silverfish, Spiders, Carpet Beetles, Fleas, Brown Dog Ticks, Flies, Mosquitoes, and certain other pests in and around households.

#### ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	0.50%
Xylene range aromatic solvent	0.33%
INERT INGREDIENTS:	99.17%

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

**SEE BACK PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS  
CONTENTS: 1 GALLON**

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#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS

Avoid contact with eyes, skin and clothing. Avoid breathing vapors or dusts away from food, feedstuffs and domestic water supplies. Wash thoroughly.

##### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by throat with finger. Do not give anything by mouth to person. Get medical attention.

IF ON SKIN: In case of contact, remove contaminated clothing and wash with plenty of soap and water.

IF IN EYES: Flush eyes with plenty of water.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat with Atropine only by injection is an antidote.

##### ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment or residue. Protective information may be obtained from your Cooperative Agricultural Extension Service. Dursban Pest Control is toxic to fish, birds, and other wildlife. Keep out of ponds, tidal marshes and estuaries. Shrimp and crabs may be killed as recommended on this label. Do not apply where there are important resources where runoff is likely to occur. Do not apply when weather conditions favor treated. Do not contaminate water by cleaning of equipment or disposal of

##### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not store below 32 degrees.

##### AGRICULTURAL CHEMICAL

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

#### USE DIRECTIONS

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

#### DISPOSAL

**Do not reuse empty container.  
container and put in trash collection.**

##### PESTS INDOORS

GENERAL INFORMATION: Use Dursban Pest Control insecticide in the areas listed below by application of the product as directed. Repeat the treatment as needed.

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606 W. Main St.

*C. J. Martin Company*

Nacogdoches, Texas 7596