

(Container)



# Dursban\* L.O. Insecticide

- This product is not to be used in and around homes or other residential areas such as parks, school grounds, playing fields. It is not for use by homeowners or other uncertified users.
- Contains chlorpyrifos.
- To be applied only by or under the supervision of pest control operators, public health organizations and other trained personnel responsible for insect control programs.

COMMERCIAL

READ THE LABEL AND BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

GUARANTEE: chlorpyrifos 480 g/L

REGISTRATION NO. 19611 PEST CONTROL PRODUCTS ACT

**WARNING**  **POISON**

**DANGER: EYE IRRITANT  
HARMFUL IF SWALLOWED  
HARMFUL IF ABSORBED THROUGH SKIN  
MAY CAUSE SKIN IRRITATION**

NET CONTENTS: 473.2 mL

**Dow AgroSciences Canada Inc.**  
Suite 2100, 450 - 1 Street S.W.  
Calgary, Alberta  
T2P 5H1  
1-800-667-3852

\*Trademark of Dow AgroSciences LLC

**PRECAUTIONS****DANGER: EYE IRRITANT****HARMFUL IF SWALLOWED****HARMFUL IF ABSORBED THROUGH SKIN****MAY CAUSE SKIN IRRITATION****KEEP OUT OF REACH OF CHILDREN**

Avoid contact with eyes, skin and clothing. When handling concentrate wear chemical worker's goggles, impervious gloves and protective clothing. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Discard contaminated shoes. Avoid breathing vapours and spray mist. Avoid spraying food crops. Keep container closed when not in use. Handle concentrate in a ventilated area.

**PRECAUTIONS FOR MIXERS/LOADERS**

Mixers/loaders must wear:

- coveralls over a long-sleeved shirt and long pants
- chemical-resistant gloves
- a chemical-resistant apron
- chemical-resistant footwear plus socks
- an air purifying respirator equipped with an -R or -P series filter

**PRECAUTIONS FOR APPLICATORS**

- Do not apply as a paintbrush treatment for indoor uses.
- Do not apply with high-pressure handwand equipment.

**Applicators using handheld equipment must wear:**

- a long-sleeved shirt and long pants
- chemical-resistant coveralls and head protection (if spray is upwardly directed)
- chemical-resistant footwear and socks
- chemical-resistant gloves
- an air purifying respirator with an -R or -P series filter

**PHYSICAL OR CHEMICAL HAZARDS**

If heated, vapours may ignite. Do not use or store near heat or open flame.

**FIRST AID**

**Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**TOXICOLOGICAL INFORMATION**

Chlorpyrifos is an organophosphate that is a cholinesterase inhibitor. Typical symptoms of overexposure to cholinesterase inhibitors include headache, nausea, dizziness, sweating, salivation, runny nose and eyes. This may progress to muscle twitching, weakness, tremors, incoordination, vomiting, abdominal

cramps and diarrhea in more serious poisonings. A life-threatening poisoning is signified by loss of consciousness, incontinence, convulsions and respiratory depression with a secondary cardiovascular component. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as pralidoxime chloride, may be therapeutic if used early; however, use only in conjunction with atropine. In cases of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration. With oral exposure, the decision of whether to induce vomiting or not should be made by an attending physician.

NOTE: Product contains a petroleum distillate solvent.

**WARNING: Do not ship or store with food, feeds, drugs or clothing.**

#### **ENVIRONMENTAL AND USE PRECAUTIONS**

Dursban L.O. insecticide is toxic to fish, crustaceans and birds. Do not apply directly to lakes, streams, ponds or public waters. Do not contaminate water by cleaning of equipment or disposal of wastes.

#### **STORAGE**

Store above freezing (0°C).

**NOTE:** Crystals may form in this product if stored below freezing (0°C). If crystals are present, warm to above 13°C and shake occasionally until crystals disappear. Freezing does not affect product quality or performance. Do not contaminate water, food or feed by storage, cleaning of equipment or disposal of wastes.

#### **DISPOSAL**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

**(Booklet)**



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#### **DIRECTIONS FOR USE**

##### **PESTS INDOORS**

##### **General Information**

Use Dursban L.O. to control the pests indicated in the areas listed below by application as a 0.24% or 0.48% chlorpyrifos spray. Use the 0.24% spray to control light infestations and the 0.48% spray to quickly reduce heavy infestations. To prepare the spray, dilute Dursban L.O. insecticide with water as shown in the following Spray Dilution table. Repeat the treatment as needed. Keep off treated areas until spray has dried.

**Spray Dilution**

Litres of Spray Mixture Desired (Water-Base Spray)	mL of Dursban L.O to Use	
	0.24% Spray	0.48% Spray
1	5	10
2	10	20
4	20	40
8	40	80
25	125	250

Dursban L.O. can be used as a crack and crevice spray in ship holds, railroad boxcars, industrial plants, manufacturing plants, warehouses, meat packing plants, and food processing plants, and as a spot treatment in industrial plants, manufacturing plants, warehouses, meat packing plants and food processing plants.

Use as a spot treatment to control cockroaches , ants, crickets, firebrats, silverfish and spiders in and around both food and nonfood areas by application as a coarse, low pressure (150 kPa or less) spray to localized areas where the above pests have been seen or are suspected of hiding or entering. Apply only enough spray to thoroughly cover the surfaces treated using special care to avoid unnecessary runoff. Do not introduce the spray into the air or allow the spray to contact food or food-contacting surfaces. Areas treated may include dark corners of rooms and closets; along and behind baseboards; beneath and behind stoves, refrigeration units and similar food preparation areas and equipment; floor drains and around plumbing and other utility installations.

**NOTE:** A period of 4 to 7 days is normally required for maximum effect on cockroaches.

For ants, apply to ant trails and wherever these pests may find entrance. Spot treatment may encompass crack and crevice treatment by applying small amounts of material directly into openings leading to voids and hollow spaces in walls, equipment legs and bases or at points between different elements of construction or between equipment and floors. The use of chlorine based cleaning materials will significantly reduce the residual effect of Dursban L.O.

Remove or cover all food and packaging materials before spraying. After spraying wash all surfaces that may contact food and rinse thoroughly with potable water before reuse for food processing.

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