

CANADIAN LABEL

2001/2002

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**DI-SYSTON TECHNICAL**

AN INSECTICIDE FOR MANUFACTURING USE ONLY

FOR USE ONLY BY APPROVED FORMULATORS

GUARANTEE: Disulfoton, O,O-Diethyl S-[2-(ethylthio) ethyl] phosphorodithioate ..... 95%

**REGISTRATION NO. 20091 PEST CONTROL PRODUCTS ACT**

**READ THE LABEL BEFORE USING  
KEEP OUT OF REACH OF CHILDREN**



**DANGER POISON**

Atropine sulfate is antidotal.  
Consult physician for emergency supply.

This container is dangerous if evidence of leakage is present.  
Read Precautionary and Storage and Disposal Statements and handle with extreme care, observing all precautions recommended.

NET CONTENTS \_\_\_\_\_ KILOGRAMS ( \_\_\_\_\_ POUNDS)



Bayer Inc.  
Agriculture Division  
77 Belfield Road  
Toronto, Ontario, Canada M9W 1G6  
Phone No. 1-800-268-1331

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**NOTICE TO USER:** This control product is to be used only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

**NOTICE TO BUYER:** Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

## **DRUM HANDLING**

1. Handle drums carefully so as to avoid damage and prevent leakage.
2. Store drums in a cool, well ventilated place.
3. Open drums only when set on end and under a ventilated hood. Unscrew bungs slowly to release any internal pressure. Then fit both bungs with valves.
4. To empty drums, connect one valve to an open vent pipe and the other to a closed storage or impregnation system.
5. Drums that have contained DI-SYSTON Technical should NEVER be reused. Refer to STORAGE AND DISPOSAL STATEMENTS on this label.

## **DIRECTIONS FOR USE**

To be used only in the manufacture of a pesticide that is registered under the Pest Control Products Act. Read technical bulletin for formulation details.

Detailed formulating recommendations for DI-SYSTON are contained in a manual available on request from BAYER INC. Obtain and read this manual before undertaking the formulation of DI-SYSTON to gain knowledge of physical and chemical properties, to avoid formulation hazards, and to assure a satisfactory finished product.

This technical is recommended for impregnation of inert granules, dry fertilizer, etc. For specific information on federally registered uses for DI-SYSTON, contact BAYER INC. Any variance from the federally registered labelling for products containing DI-SYSTON will have to be supported by data provided by the formulator.

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF UNAUTHORIZED PERSONNEL.**

**POISONOUS IF SWALLOWED, INHALED, OR ABSORBED THROUGH THE SKIN: RAPIDLY ABSORBED THROUGH THE SKIN, REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.**

Do not breathe fumes. Wear a NIOSH/MSHA approved mask or respirator effective for protection against DI-SYSTON.

Do not get in eyes or on skin. Wear clean, heavy, natural rubber gloves and clean waterproof, or freshly laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently. Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before reuse.

In case of contact, immediately remove contaminated clothing and wash thoroughly with soap and warm water.

**SYMPTOMS OF POISONING:** A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

**HANDLING OF CONTAMINATED ARTICLES:** Clothing and rags receiving undiluted DI-SYSTON Technical as a result of leaks, spills, or mishaps should be removed immediately and not reused. These contaminated articles should be disposed of in the same manner as the empty container; see Container Disposal section for directions. (Contaminated articles which should be discarded would include: hats, gloves, aprons, coats, boots, etc. not made of rubber or coated with rubber or other similar material). Protective clothing and equipment should be washed down with detergent or soap and bleach in water. Wash water from the cleaning of

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protective clothing or equipment should not be allowed to runoff or otherwise enter water supplies.

### **FIRST AID**

In case of poisoning call a physician immediately or contact a poison control centre. Have patient lie down and keep quiet. **If swallowed**, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 mL) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately. **If on skin**, remove contaminated clothing and wash skin immediately with soap and warm water. **If eyes are contaminated**, wash with flowing water for at least 15 minutes.

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

**TOXICOLOGICAL INFORMATION:** Disulfoton inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary oedema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary oedema, the patient should be placed in an oxygen tent and treated symptomatically. **ANTIDOTE** - Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Do not discard effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans or public waters. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact the Provincial Regulatory Agency or the manufacturer.

### **STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

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

### **DISPOSAL**

Canadian formulators of this technical should dispose of unwanted active and containers in accordance with municipal or provincial regulations.

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.

**In Case of Spillage:** Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent further leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on the label for hazards associated with the handling of DI-SYSTON Technical. Do not walk through spilled material. Absorb spilled material with absorbing type products and dispose of in accordance with directions of the Provincial Regulatory Agencies. Wash exposed surfaces with strong caustic soda (lye) solution (use extreme care in handling and using caustic soda and caustic soda solutions). In spill or leak incidents, keep unauthorized people and domestic animals away from the exposed area. You may contact the Bayer 24-hour Emergency Phone number for decontamination procedures or any other assistance that may be necessary. The Bayer 24-hour Emergency Phone number is 519-337-1907 or contact CANUTEC at 613-996-6666.

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