



Understanding Pesticide Labels

By law, pesticide labels must contain certain kinds of information. Pesticide applicators have the legal responsibility to read, understand and follow the label directions. Quite often, pesticide applicators fail to take the time to read or follow the specified safety precautions that the label provides. The following label example illustrates the safety sections of a label. To protect yourself and the environment, read the label - it's the law!

PAT Facts

CYGON^{*}

Garden Spray

- Kills Damaging Insects on Trees, Shrubs, Flowers and Vegetables.
- See Right Side of this Panel for a List of Insects Killed.

<p>ACTIVE INGREDIENTS: Dimethoate (0, 0-dimethyl S-[(N-methylcarbamoyl methyl] phosphorodithioate)* 12.00%</p> <p>INERT INGREDIENTS:* 88.00%</p> <p>* Contains 51.41% Xylene</p>	<p>Keep out of reach of children</p> <p>WARNING</p> <p>See back panel for additional precautionary statements For Homeowner Use Only.</p>
--	---

STORAGE: Store in original container and place in a locked storage area.
DISPOSAL: Do not reuse container. Wrap and put in trash.

PRECAUTIONARY STATEMENTS
HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Harmful or fatal if swallowed, inhaled or absorbed through the skin. Avoid breathing of vapors or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or food stuffs. Keep children and pets off treated areas until treated surfaces have dried completely. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticides.

PHYSICAL AND CHEMICAL HAZARDS
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

PRECAUTIONARY STATEMENTS

IF SWALLOWED - Call physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED - Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN - Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES - Flush eyes with plenty of water for at least 15 minutes. Get medical attention.

NOTE TO PHYSICIAN - This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

- Trade name of product (Cygion).

- What is the relative safety of this pesticide?

In order of low- to high toxicity, three signal words are used:

- Caution
- Warning
- Danger-Poison

- Common name of product (Dimethoate).

- Proper storage and disposal of product.

- Precautions to take during and after use.

- What to do in case of a medical emergency?

- Are there any special environmental considerations (i.e., fish, birds, bees, groundwater contamination) that you should be aware of when using this pesticide?

- What do you need to wear during application?

- What are the legal procedures and uses for this product?

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Do not apply directly to lakes, streams, or ponds. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply the product only as specified on this label. This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

THE FOLLOWING PROTECTIVE CLOTHING MUST BE WORN DURING APPLICATION:

- Impermeable gloves (for example, rubber or plastic covered reinforced gloves).
- Boots or boot covers.
- Long-sleeved shirt and long pants.
- Wide-brimmed hat.

CYGNON*, is a registered trademark of American Cyanamid Co. Buyer assumes all risks of use, storage, and handling of this material not in strict accordance with directions given herewith.

Distributed by American Brand Chemical Co. Bonham, Texas 75418
 EPA Est. No. 7401-TX-1 EPA Reg. No. 7401-338-7679
 30M-12-32J Net Contents One Pint

DIRECTIONS FOR USE

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

AMERICAN BRAND CYGNON GARDEN SPRAY is effective in killing insects on trees, shrubs, flowers, and vegetables.

To apply - ... SEE OFFICIAL LABEL

- Environmental Protection Agency (EPA) registration number.

As you can see, the label provides you with a great deal of valuable information. Become familiar with the labels of the products that you use before you really need to.

To find out more...

For more information about pesticides, pesticide safety, or pest control, contact your local Extension Office.

Urbana, Illinois August, 1996
 Issued in furtherance of Cooperative Extension Work, Acts of May 8 and June, 1914, in cooperation with the U. S. Department of Agriculture. DENNIS R. CAMPION, *Interim Director*, Cooperative Extension Service, University of Illinois at Urbana-Champaign. The Illinois Cooperative Extension Service provides equal opportunities in programs and employment. The information provided in this publication is for educational purposes only. References to commercial products or trade names do not constitute an endorsement by the University of Illinois and does not imply discrimination against other similar products.