

# ACETANILIDES

## CHEMICAL AND COMMON NAMES (All are herbicides)

**Acetochlor** (HARNESS, TROPHY)

**Metolachlor** (DUAL, BICEP, PENNANT)

**Alachlor** (ARENA, BULLET, LASSO, PARTNER)

**Propachlor** (RAMROD)

**Diethatyl Ethyl** (ANTOR)

## SYMPTOMS OF POISONING

Symptoms of acetanilide poisoning may include one or many of the following:

- abdominal pain
- abnormal sweating
- diarrhea
- dark urine
- vomiting
- shortness of breath (if inhaled)

Effects to the eyes may include:

- mild irritation
- redness
- extensive tearing

## SHORT-TERM HEALTH HAZARDS

- The acetanilide pesticides listed above are slightly to moderately poisonous compounds.
- All these chemicals can be absorbed through the skin, especially through cuts and scratches, so direct contact should be avoided.
- Acetanilides are low to mild eye irritants and are not considered skin irritants.

## LONG-TERM HEALTH HAZARDS

- The Federal Environmental Protection Agency (EPA) classifies alachlor (ARENA) as a probable human carcinogen, and acetochlor (HARNESS) and metolachlor (DUAL) as possible carcinogens.
- None of the acetanilides show significant reproduction or birth defect problems. Further studies are required on specific compounds.
- Acetanilides do not accumulate and persist in the body.

## PERSONAL PROTECTIVE EQUIPMENT AND PRACTICES

Do not allow any of these pesticides to get on your skin or in your eyes. Do not breath dust or spray mist. Follow all precautions and protective clothing requirements listed in the Precautionary Statements section on the pesticide label.

## RE-ENTRY TIMES

Check postings at your place of work for the exact re-entry times regarding your assigned field. Re-entry times are also listed on pesticide labels under "Re-Entry Statements for Farm Workers."

EMERGENCY ASSISTANCE

**The employer** is responsible for providing emergency assistance to a worker believed to have been poisoned or injured by a pesticide used on the farm.

The employer must make emergency transportation to an emergency medical facility available by:

- taking the worker to the medical facility
- calling an emergency vehicle (ambulance)
- making sure the worker has a ride to the medical facility with someone else.

Employers must also provide to the worker or medical personnel, upon request, information on:

- product name, EPA registration number and active ingredients for any product(s) to which the worker may have been exposed
- emergency information from the product labeling
- description of the way the pesticide was being used
- circumstances of the worker's exposure to the pesticide.

CROPS TYPICALLY RECEIVING ACETANILIDE APPLICATIONS

Grains:            Sweet corn  
                      Field corn

Vegetables:    Soybeans                      Spinach  
                      Other beans/peas            Potatoes

FOR ADDITIONAL HELP OR INFORMATION

NJ Department of Environmental Protection/Pesticide Control Program  
(Pesticide regulation information and complaints) 609-984-6915, English and Spanish

NJ Poison Information and Education System  
(Emergencies only) 1-800-222-1222, English only

National Pesticide Information Center (NPIC)  
(General pesticide information) 1-800-858-7378, English and Spanish

NEAREST MEDICAL EMERGENCY FACILITY: \_\_\_\_\_