



**Du Pont  
Material Safety Data Sheet**

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 "DuPont" "Acelepryn" Granular Insecticide  
 M0000718 Revised 2-SEP-2008  
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Substance ID :130000043253  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION  
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Material Identification

"DuPont", "Acelepryn" are trademarks of DuPont.

Tradenames and Synonyms

DPX-E2Y45 Granular

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont  
 1007 Market Street  
 Wilmington, DE 19898

PHONE NUMBERS

Product Information : 1-800-441-7515 (outside the U.S.  
 302-774-1000)  
 Transport Emergency : CHEMTREC 1-800-424-9300(outside U.S.  
 703-527-3887)  
 Medical Emergency : 1-800-441-3637 (outside the U.S.  
 302-774-1000)

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 COMPOSITION/INFORMATION ON INGREDIENTS  
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Components

Material	CAS Number	%
CHLORANTRANILIPROLE 3-Bromo-N-[4-chloro-2-methyl-6-[(methylamino) carbonyl]phenyl]- 1-(3-chloro-2-pyridinyl)-1H- pyrazole-5-carboxamide	500008-45-7	0.2
INERT INGREDIENTS		99.8

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 HAZARDS IDENTIFICATION  
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Emergency Overview

When used as directed this product does not present a hazard  
 to humans or domestic animals.

Potential Health Effects

Eye contact may cause transient eye irritation with tearing,

pain or blurred vision.

#### Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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#### FIRST AID MEASURES

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##### First Aid

IF ON SKIN: The material is not likely to be hazardous by skin contact but cleansing the skin after use is advisable.

IF IN EYES: The material is not likely to be hazardous to the eyes, but if contact occurs, flushing the eyes with plenty of water is advisable. Consult a physician if necessary.

IF INHALED: No specific intervention is indicated as the material is not likely to be hazardous by inhalation. Consult a physician if necessary.

IF SWALLOWED: No specific intervention is indicated as the material is not likely to be hazardous by ingestion. Consult a physician if necessary.

For questions regarding emergency medical treatment, you may contact 1-800-441-3637 for information.

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#### FIRE FIGHTING MEASURES

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##### Flammable Properties

Not a fire or explosion hazard.

##### Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

##### Fire Fighting Instructions

Evacuate personnel to a safe area.  
If area is exposed to fire and conditions permit, let fire burn itself out. Burning chemicals may produce by-products more toxic than the original material. If product is on fire, wear self-contained breathing apparatus and full protective equipment. Use water spray. Control runoff.

Cool tank/container with water spray.

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ACCIDENTAL RELEASE MEASURES  
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## Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus.

## Initial Containment

Prevent material from entering sewers, waterways, or low areas. Follow applicable Federal, State/Provincial and Local laws/regulations.

## Spill Clean Up

Clean up spills promptly by scoop or vacuum. Shovel into suitable container for disposal.

All flushing and clean-up residuals should be collected for proper disposal to prevent soil and surface, ground and sewer water contamination.

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HANDLING AND STORAGE  
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## Handling (Personnel)

USER SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## Storage

Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for storage in or around the home.

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EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## Engineering Controls

Keep container tightly closed.

## Personal Protective Equipment

Applicators and other handlers must wear:  
- Long-sleeved shirt and long pants.

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- Shoes plus socks.

After the product has been loaded into properly calibrated application equipment, shirt, pants, socks, and shoes are sufficient Personal Protective Equipment.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

For early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear:

- Long-sleeved shirt and long pants.
- Shoes plus socks.

#### Exposure Guidelines

##### Applicable Exposure Limits

CHLORANTRANILIPROLE

AEL \* (DuPont) : 10 mg/m<sup>3</sup>, 8 & 12 Hr. TWA, total dust  
5 mg/m<sup>3</sup>, 8 & 12 Hr. TWA, respirable dust

\* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

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#### PHYSICAL AND CHEMICAL PROPERTIES

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##### Physical Data

Form	: Granular Solid.
Color	: Brown.
Odor	: (slight).
pH	: 6.7 1% solution in water
Density	: 0.85 g/mL

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#### STABILITY AND REACTIVITY

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##### Chemical Stability

Stable at normal temperatures and storage conditions.

##### Incompatibility with Other Materials

None reasonably foreseeable.

##### Decomposition

In the event of a fire, the formation of hydrogen cyanide,

carbon monoxide, and nitrogen oxides must be anticipated as well as halogen containing gases.

#### Polymerization

Polymerization will not occur.

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#### TOXICOLOGICAL INFORMATION

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##### Animal Data

Data based on similar product:

Dermal LD50: > 5000 mg/kg in rats  
Oral LD50: > 5000 mg/kg in rats  
Inhalation LC50: > 6.2 mg/L in rats

Based on data from a similar product, Acelepryn Granular is not a skin or eye irritant and is not a skin sensitizer in animals.

##### CHLORANTRANILIPROLE

There were no adverse effects in subchronic feeding studies in rats, mice or dogs. There was a decreased body weight gain at high doses in a 28-day feeding study in mice and in a 28 day dermal study in rats.

Animal testing indicates Chlorantraniliprole Technical (DPX-E2Y45) did not have carcinogenic, neurological, developmental or reproductive effects.

Tests have shown that Chlorantraniliprole Technical (DPX-E2Y45) did not cause genetic damage in bacterial or mammalian cell cultures, or in animals.

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#### ECOLOGICAL INFORMATION

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##### Ecotoxicological Information

##### CHLORANTRANILIPROLE TECH

###### AQUATIC TOXICITY:

96-Hour LC50 - Rainbow trout : > 13.8 mg/L  
96-Hour LC50 - Bluegill sunfish: > 15.1 mg/L  
48-Hour EC50 - Daphnia magna : 0.0116 mg/L

###### AVIAN TOXICITY:

Acute Oral LD50 - Bobwhite Quail : > 2250 mg/kg  
Acute Dietary LC50 - Bobwhite Quail: > 5620 ppm  
Acute Dietary LC50 - Mallard Duck : > 5620 ppm

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#### DISPOSAL CONSIDERATIONS

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## Waste Disposal

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

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

## ENVIRONMENTAL HAZARDS:

This pesticide is toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to use sites.

Refer to the product label for additional instructions relating to environmental precautions.

## Container Disposal

For Bags: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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TRANSPORTATION INFORMATION  
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## # Shipping Information

DOT : Not Regulated

IMO/IMDG : Not Regulated

IATA : Not regulated

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REGULATORY INFORMATION  
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## # U.S. Federal Regulations

In the United States this product is regulated by the US Environmental Protection Agency under the Federal Insecticide, Fungicide and Rodenticide Act. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

EPA Reg. No. 352-772

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OTHER INFORMATION  
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## NFPA, NPCA-HMIS

NFPA Rating  
Health : 1

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Flammability : 0  
Reactivity : 0

## NPCA-HMIS Rating

Health : 1  
Flammability : 0  
Reactivity : 0

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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

# Indicates updated section.