



Du Pont
Material Safety Data Sheet

"DuPont" "ALTACOR" INSECTICIDE
GPA0M669 Revised 15-Jun-09 Printed 06/26/2009

Substance ID :130000026706

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"DuPont", "ALTACOR" are trademarks of DuPont.

Tradenames and Synonyms

"ALTACOR" WG
"RYNAXYPYR" 35WG
RYNAXYPYR WG
DPX-E2Y45 35WG
E2Y45
CHLORANTRANILIPROLE
B12515179

Tradenames and Synonyms (Remarks)

"RYNAXYPYR" is a trademark of DuPont.

Company Identification

MANUFACTURER/DISTRIBUTOR
E.I. du Pont Canada Company
P.O. Box 2200
Streetsville
Mississauga, Ontario L5M 2H3

PHONE NUMBERS

Product Information : 1-800-387-2122
Medical Emergency : 1-800-441-3637 (24 hours)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Table with 3 columns: Material, CAS Number, %
CHLORANTRANILIPROLE 500008-45-7 35 WT%
3-bromo-4'-chloro-1-(3-chloro-2-pyridyl)-2'-methyl-6'-(methylcarbamoyl)pyrazole-5-carboxanilide
INERT INGREDIENTS 65 WT%

HAZARDS IDENTIFICATION

Emergency Overview

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

Potential Health Effects

DuPont Altacor 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.

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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

Do not contaminate water, food or feed by storage or disposal. Store above 32 F (0 C) Store product in original container only. Store in a cool, dry place. Do not store in or around the home.

Store product in a location inaccessible to children and pets.

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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.
- Shoes plus socks.

After the product has been diluted in accordance with label directions for use, 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 : (light), Brown.  
Odor : Faint.  
pH : 9.4  
Density : 0.782 g/mL (packed)  
0.695 g/mL (loose)

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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

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

DuPont Altacor 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

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96 hour LC50 - Rainbow trout: > 3.2 mg product/L  
(>1.09 mg a.i./L)  
96 hour LC50 - Bluegill sunfish: > 3.2 mg product/L  
(>1.19 mg a.i./L)  
48 hour EC50 - Daphnia magna: 0.029 mg product/L  
(0.011 mg a.i./L)

Acute Oral LD50 - Bobwhite Quail: > 2250 mg a.i./kg

48 hr Oral LD50 - Honey bee: > 119 ug a.i./bee  
48 hr Contact LD50 - Honey bee: > 100 ug a.i./bee

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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. Do not apply directly to water, to areas where surface water is present or to inter-tidal areas below the mean high water mark. Do not contaminate water when disposing of equipment rinsate. Do not apply where/when conditions could favor runoff. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

Container Disposal

For Plastic Containers: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For Metal Containers (non aerosol): Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

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TRANSPORTATION INFORMATION  
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Shipping Information

DOT: Not Regulated by 49 CFR (DOT) unless transported by water or in a bulk packaging.  
See IMO/IMDG shipping description.

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## IMO/IMDG:

UN Number : 3077  
Proper Shipping Name : Environmentally hazardous  
substances, solid, n.o.s.  
(Chlorantraniliprole)  
Hazard Class : 9  
Packing Group : III  
Marine Pollutant : Yes  
Reportable Quantity : No

IATA: Not regulated by IATA

Shipping Information -- Canada

This material is 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.

## Canadian Regulations

Regulated under the Pest Control Products Act--WHMIS Exempt

Registration No. 28981 Pest Control Products Act

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

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OTHER INFORMATION  
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## NFPA, NPCA-HMIS

NFPA Rating  
Health : 1  
Flammability : 0  
Reactivity : 0

## NPCA-HMIS Rating

(Continued)

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.

Responsibility for MSDS

----- Crop Protection E.I. du Pont Canada Company  
Box 2200, Streetsville  
Mississauga, Ontario L5M 2H3  
(905) 821-3300.

End of MSDS