

# Material Safety Data Sheet



## **DuPont™ Altacor® Insect Control**

Version 2.1

Revision Date 02/21/2014

Ref. 130000026706

This SDS adheres to the standards and regulatory requirements of Canada and may not meet the regulatory requirements in other countries.

### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : DuPont™ Altacor® Insect Control  
Tradename/Synonym : DPX-E2Y45 35WG  
Altacor 35WG  
Rynaxypyr 35WG  
Altacor WG  
Rynaxypyr WG  
Prevathon 35WDG  
CHLORANTRANILIPROLE: 3-Bromo-N-[4-chloro-2-methyl-6-  
[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-  
carboxamide

MSDS Number : 130000026706

Product Use : Insecticide

Manufacturer : E.I. du Pont Canada Company  
P.O. Box 2200, Streetsville  
Mississauga, ON  
L5M 2H3  
Canada

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

Other information : Mixture

### **SECTION 2. HAZARDS IDENTIFICATION**

Emergency Overview  
This product has no known adverse effect on human health.  
This product is toxic to: Aquatic invertebrates

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### Potential Health Effects

This section includes potential acute adverse effects which could occur if this material is not used according to the label.

Eyes : May cause: transient irritation with discomfort, tearing, Blurred vision.

### Carcinogenicity

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

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Chlorantraniliprole	500008-45-7	35 %
Other Ingredients		65 %

## SECTION 4. FIRST AID MEASURES

Skin contact : The material is not likely to be hazardous by skin contact, but cleaning the skin after use is advisable. Consult a physician if necessary.

Eye contact : No specific intervention is indicated as the compound is not likely to be hazardous. If in eyes, rinse with water for 15 minutes. Consult a physician if necessary.

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- Inhalation : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.
- Ingestion : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.
- General advice : Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  
For medical emergencies involving this product, call toll free 1-800-441-3637.  
See Label for Additional Precautions and Directions for Use.

### SECTION 5. FIREFIGHTING MEASURES

- Flammable Properties  
Auto-ignition temperature : > 155 °C (> 311 °F)
- Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO2)
- Unsuitable extinguishing media : High volume water jet, (contamination risk)
- Firefighting Instructions : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.  
(on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers / tanks with water spray.  
Control Runoff.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

- Safeguards (Personnel) : Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus. Wear personal protective equipment.

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- Spill Cleanup : Clean up promptly by scoop or vacuum. Shovel into suitable container for disposal.
- Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas. Prevent groundwater contamination. All flushing and clean-up residuals should be collected for proper disposal to prevent soil and surface, ground and sewer water contamination.  
Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

### **SECTION 7. HANDLING AND STORAGE**

- Handling (Personnel) : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing.
- Storage : Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store product in original container only in a location inaccessible to children and pets. Store in a cool, dry place. Do not store in or around the home. Keep out of the reach of children.

### **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Personal protective equipment
- Skin and body protection : Applicators and other handlers must wear:  
Long sleeved shirt and long pants  
Shoes plus socks  
Applicators and other handlers of the diluted material must wear: shirt, pants, socks and shoes.  
PPE required for early entry to 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, is:

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Protective measures : Long sleeved shirt and long pants  
Shoes plus socks  
: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Exposure Guidelines Exposure Limit Values

Chlorantraniliprole			
AEL *	(DUPONT)	10 mg/m <sup>3</sup>	8 & 12 hr. TWA Total dust.
AEL *	(DUPONT)	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.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: solid, granules
Color	: light brown
Odor	: very faint
pH	: 7 - 10 at 10 g/l 25 °C (77 °F)
Bulk density	: 0.70 - 0.86 g/cm <sup>3</sup>

## SECTION 10. STABILITY AND REACTIVITY

Stability : Stable at normal temperatures and storage conditions.



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- Incompatibility : None reasonably foreseeable.
- Hazardous decomposition products : Hazardous decomposition products formed under fire conditions.: Hydrogen cyanide (hydrocyanic acid), Carbon monoxide, Nitrogen oxides (NOx)  
Hydrogen cyanide (hydrocyanic acid)
- Hazardous reactions : Polymerization will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

- DuPont™ Altacor® Insect Control
- Inhalation 4 h LC50 : > 6.2 mg/l , rat
- Dermal LD50 : > 5,000 mg/kg , rat
- Oral LD50 : > 5,000 mg/kg , rat
- Skin irritation : No skin irritation, rabbit
- Eye irritation : No eye irritation, rabbit
- Sensitisation : Animal test did not cause sensitization by skin contact., mouse
- Further information : The toxicological data has been taken from products of similar composition.
- Chlorantraniliprole
- Repeated dose toxicity : Oral  
multiple species
- No toxicologically significant effects were found.
- Dermal  
rat
- No toxicologically significant effects were found.



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- Carcinogenicity : Animal testing did not show any carcinogenic effects. Not classifiable as a human carcinogen.
- Mutagenicity : Animal testing did not show any mutagenic effects.
- Reproductive toxicity : No toxicity to reproduction

**SECTION 12. ECOLOGICAL INFORMATION**

Aquatic Toxicity

DuPont™ Altacor® Insect Control

- 96 h LC50 : Oncorhynchus mykiss (rainbow trout) > 3.2 mg/l
- 96 h LC50 : Lepomis macrochirus (Bluegill sunfish) > 3.2 mg/l
- 48 h EC50 : Daphnia magna (Water flea) 0.029 mg/l

Chlorantraniliprole

- 72 h ErC50 : Selenastrum capricornutum (green algae) > 2 mg/l

Additional ecological information : Environmental Hazards: Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. See product label for additional application instructions relating to environmental precautions.

**SECTION 13. DISPOSAL CONSIDERATIONS**

- Waste Disposal : Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
- Container Disposal : Container Refilling and Disposal:  
Refer to the product label for instructions.  
Do not transport if this container is damaged or leaking.

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### **SECTION 14. TRANSPORT INFORMATION**

IATA_C	UN number	: 3077
	Proper shipping name	: Environmentally hazardous substance, solid, n.o.s. (Chlorantraniliprole)
	Class	: 9
	Packing group	: III
	Labelling No.	: 9MI
IMDG	UN number	: 3077
	Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Chlorantraniliprole)
	Class	: 9
	Packing group	: III
	Labelling No.	: 9

Not regulated by DOT/49 CFR unless shipped in bulk package or by water.  
Not regulated by TDG when transported solely on land by road or railway vehicle.

### **SECTION 15. REGULATORY INFORMATION**

PCP Registration #	: 28981
Remarks	: Regulated under the Pest Control Products Act - WHMIS exempt.



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### **SECTION 16. OTHER INFORMATION**

MSDS preparation date : 02/21/2014

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Contact person : E.I. DuPont Canada Company, Mississauga, Ontario, L5M 2H3

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