

**DuPont™ Altacor® Insect Control**

Version 2.1

Revision Date 04/27/2010

Ref. 130000026706

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

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : DuPont™ Altacor® Insect Control  
Tradename/Synonym : Rynaxypyr 35WG  
DPX-E2Y45 35WG  
Altacor WG  
Rynaxypyr WG  
B12515179  
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 : DuPont  
1007 Market Street  
Wilmington, DE 19898

Product Information : 1-800-441-7515 (outside the U.S. 1-302-774-1000)  
Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)  
Transport Emergency : CHEMTREC: 1-800-424-9300 (outside the U.S. 1-703-527-3887)

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

**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

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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 %
Inert Ingredients		65 %

**SECTION 4. FIRST AID MEASURES**

- Skin contact : The material is not likely to be hazardous by skin contact, but cleansing 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.
- 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.



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**SECTION 5. FIRE-FIGHTING MEASURES**

- 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.
- 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



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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. Not for use or storage in or around the home.

Storage temperature : > 0 °C (> 32 °F)

**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:  
 Long sleeved shirt and long pants  
 Shoes plus socks

Protective measures : 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/m3 8 & 12 hr. TWA Total dust.

AEL \* (DUPONT) 5 mg/m3 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

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Odor : very faint  
pH : 9.4 at 10 g/l 25 °C (77 °F)  
Bulk density : 695 kg/m3  
                  loose  
Bulk density : 782 kg/m3  
                  packed

**SECTION 10. STABILITY AND REACTIVITY**

Stability : Stable at normal temperatures and storage conditions.  
Incompatibility : None reasonably foreseeable.  
Hazardous decomposition products : Hazardous decomposition products formed under fire conditions. Hydrogen cyanide (hydrocyanic acid), Carbon monoxide, nitrogen oxides (NOx)  
Hazardous reactions : Polymerization will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

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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  
Chlorantraniliprole  
Repeated dose toxicity : Oral - feed  
                                  multiple species  
                                  No toxicologically significant effects were found.  
Dermal


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	rat	No toxicologically significant effects were found.
Carcinogenicity	:	Animal testing did not show any carcinogenic effects.
Mutagenicity	:	Did not cause genetic damage in animals. Did not cause genetic damage in cultured mammalian cells. Did not cause genetic damage in cultured bacterial cells.
Reproductive toxicity	:	Animal testing showed no reproductive toxicity.
Teratogenicity	:	Animal testing showed no developmental toxicity.

**SECTION 12. ECOLOGICAL INFORMATION**
**Aquatic Toxicity**
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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**

96 h LC50	:	Oncorhynchus mykiss (rainbow trout) 13.8 mg/l
96 h EC50	:	Lepomis macrochirus (Bluegill sunfish) 15.1 mg/l
72 h ErC50	:	Pseudokirchneriella subcapitata (green algae) > 2 mg/l
48 h EC50	:	Daphnia magna (Water flea) 0.0116 mg/l

**Toxicity to other organisms**
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LD50	:	Colinus virginianus (Bobwhite quail) > 2,250 mg/kg Active ingredient
48 h LD50	:	Apis mellifera (bees) 119 ug a.i./bee Oral
48 h LD50	:	Apis mellifera (bees) 100 ug a.i./bee Contact



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Chlorantraniliprole LD50	:	Colinus virginianus (Bobwhite quail) > 2,250 mg/kg
8 d LC50	:	Colinus virginianus (Bobwhite quail) > 5,620 mg/kg Dietary
8 d LC50	:	Anas platyrhynchos (Mallard duck) > 5,620 mg/kg Dietary

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 may be disposed of on site or at an approved waste disposal facility. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.
Container Disposal	:	Container Refilling and Disposal: Refer to the product label for instructions. Do not transport if this container is damaged or leaking.  In the event of a major spill, fire or other emergency, call 1-800-441-3637 day or night.

**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



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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  
 Marine pollutant : yes (Chlorantraniliprole)

Not regulated by DOT/49 CFR unless shipped in bulk package or by water.

**SECTION 15. REGULATORY INFORMATION**

SARA 313 Regulated Chemical(s) : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

EPA Reg. No. : 352-730  
 In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.

**SECTION 16. OTHER INFORMATION**

	NFPA	HMIS
Health :	1	1
Flammability :	0	0
Reactivity/Physical hazard :	0	0



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Contact person : DuPont Crop Protection, Wilmington, DE, 19898, Phone: 1-888-638-7668

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