

**DuPont™ Altacor® Insect Control**

Version 2.2

Revision Date 02/18/2011

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 : Rynaxypr 35WG
DPX-E2Y45 35WG
Altacor WG
Rynaxypr WG
Prevathon 35WDG
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

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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 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.



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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. 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.



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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.
- 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
 - Wear protective clothing such as gloves, apron, boots, or coveralls, as appropriate.
 - 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.

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* 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	: 9.4 at 10 g/l 25 °C (77 °F)
Bulk density	: 695 kg/m ³ loose
Bulk density	: 782 kg/m ³ 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 (NO _x)
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


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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 - feed multiple species No toxicologically significant effects were found.
		Dermal 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

48 h EC50 : Daphnia magna (Water flea) 0.029 mg/l

Chlorantraniliprole

72 h ErC50 : Pseudokirchneriella subcapitata (green algae) > 2 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



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	Oral	
48 h LD50	:	Apis mellifera (bees) 100 ug a.i./bee Contact
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
48 h LD50	:	Apis mellifera (bees) > 104 ug/bee Oral
48 h LD50	:	Apis mellifera (bees) > 4 ug/bee Contact
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. In the event of a major spill, fire or other emergency, call 1-800-441-3637 day or night.


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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
	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.
California Prop. 65	: Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known



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PA Right to Know : Substances on the Pennsylvania Hazardous Substances List present at
 Regulated Chemical(s) a concentration of 1% or more (0.01% for Special Hazardous
 Substances): Kaolin , Sucrose

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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