

**DuPont™ Acelepryn® Granular Insecticide**

Version 2.0

Revision Date 05/05/2010

Ref. 130000043253

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™ Acelepryn® Granular Insecticide
Tradename/Synonym : DPX-E2Y45 Granular
CHLORANTRANILIPROLE: 3-Bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide

MSDS Number : 130000043253

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)

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

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.

**DuPont™ Acelepryn® Granular Insecticide**

Version 2.0

Revision Date 05/05/2010

Ref. 130000043253

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Chlorantraniliprole	500008-45-7	0.2 %
Inert Ingredients		99.8 %

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.
- Eye contact : No specific intervention is indicated as the compound is not likely to be hazardous. 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.

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)

**DuPont™ Acelepryn® Granular Insecticide**

Version 2.0

Revision Date 05/05/2010

Ref. 130000043253

Firefighting Instructions : In the event of fire, wear self-contained breathing apparatus. Wear full 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 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

**DuPont™ Acelepryn® Granular Insecticide**

Version 2.0

Revision Date 05/05/2010

Ref. 130000043253

Engineering controls	: Use only with adequate ventilation.
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	None established.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: solid, granules
Color	: light brown
Odor	: slight
pH	: 6.7 (1% solution in water)
Bulk density	: 0.85 g/ml Tapped

SECTION 10. STABILITY AND REACTIVITY

Stability	: Stable at normal temperatures and storage conditions.
Incompatibility	: No materials to be especially mentioned.
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.

**DuPont™ Acelepryn® Granular Insecticide**

Version 2.0

Revision Date 05/05/2010

Ref. 130000043253

SECTION 11. TOXICOLOGICAL INFORMATION

DuPont™ Acelepryn® Granular Insecticide

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
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

Chlorantraniliprole

**DuPont™ Acelepryn® Granular Insecticide**

Version 2.0

Revision Date 05/05/2010

Ref. 130000043253

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

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 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	:	Refer to the product label for instructions.
--------------------	---	--

**DuPont™ Acelepryn® Granular Insecticide**

Version 2.0

Revision Date 05/05/2010

Ref. 130000043253

SECTION 14. TRANSPORT INFORMATION

Not Regulated as a hazardous material by DOT, IMO, or IATA.

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. : 352-772
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

DuPont™, Acelepryn®
are trademarks of E. I. du Pont de Nemours and Company

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



DuPont™ Acelepryn® Granular Insecticide

Version 2.0

Revision Date 05/05/2010

Ref. 130000043253

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Significant change from previous version is denoted with a double bar.