

**DuPont™ Coragen® Insect Control**

Version 2.5

Revision Date 02/24/2012

Ref. 130000027866

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™ Coragen® Insect Control
Tradename/Synonym : B12498745
Rynaxypyr SC
Coragen SC
Rynaxypyr 20SC
DPX-E2Y45 20SC
DPX-E2Y45 SC
CORAGEN 200SC
CHLORANTRANILIPROLE: 3-Bromo-N-[4-chloro-2-methyl-6-
[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-
pyrazole-5-carboxamide

MSDS Number : 130000027866

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)

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

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.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Chlorantraniliprole	500008-45-7	18.4 %
Other Ingredients		81.6 %

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. In case of eye contact: Immediately flush eye(s) with plenty of water. 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. FIREFIGHTING MEASURES

- Flammable Properties
- Flash point : No flash up to boiling point.
- Thermal decomposition : Not available for this mixture.

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- Fire and Explosion Hazard : The product is not flammable.
- 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. 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. Use personal protective equipment.
- Spill Cleanup : Soak up with sawdust, sand, oil dry or other absorbent material. Dispose of in an approved container.
If liquid has been spilt in large quantities clean up promptly by scoop or vacuum.
- Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas.
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.



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- Handling (Physical Aspects) : The product is not flammable.
- Storage : Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home. Keep out of the reach of children.
- Storage temperature : > 0 °C (> 32 °F)

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 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
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	: semi-viscous liquid
Color	: white
Odor	: alcohol-like
pH	: 7.8 at 10 g/l
Specific gravity	: 1.094
Solubility(ies)	: slightly soluble
Viscosity	: 583 mPa.s

SECTION 10. STABILITY AND REACTIVITY

Stability	: Stable at normal temperatures and storage conditions.
Incompatibility	: No materials to be especially mentioned.
Hazardous decomposition products	: Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed upon combustion.
Hazardous reactions	: Polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

DuPont™ Coragen® Insect Control	
Inhalation 4 h LC50	: > 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
Chlorantraniliprole Repeated dose toxicity	:	Oral 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. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
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	:	Lepomis macrochirus (Bluegill sunfish) > 9.9 mg/l
72 h ErC50	:	Pseudokirchneriella subcapitata (green algae) > 20 mg/l
48 h EC50	:	Daphnia magna (Water flea) 0.0071 mg/l

Toxicity to other organisms

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2 d LD50	:	Apis mellifera (bees) > 0.1141 mg/kg Oral
2 d LD50	:	Apis mellifera (bees) > 0.100 mg/kg


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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 : 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	: 3082
	Proper shipping name	: Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole)
	Class	: 9
	Packing group	: III
	Labelling No.	: 9
IMDG	UN number	: 3082
	Proper shipping name	: Environmentally hazardous substance, liquid, 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.


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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. : 352-729
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

SECTION 16. OTHER INFORMATION

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

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

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



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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.

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