

# SAFETY DATA SHEET



## DuPont™ Altacor® insecticide

Version 5.0

Revision Date 25.10.12

Ref. 130000026706

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

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product information

Trade name : DuPont™ Altacor® insecticide  
Use of the : Insecticide  
Substance/Mixture  
Company : Du Pont (Australia) Ltd  
7 Eden Park Drive  
Macquarie Park NSW 2113  
Australia  
  
Telephone : (02) 9923 6111  
Telefax : (02) 9923 6011  
Emergency telephone : (02) 9923 6275 (Transport Emergency)  
(24 hr Emergency Medical Information: 1800 674 415)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Rynaxypyr 35WG  
B12515179

#### Components

Chemical Name	CAS-No.	Concentration
Chlorantraniliprole	500008-45-7	35 %
Inert Ingredients		65 %

### 3. HAZARDS IDENTIFICATION

#### Hazardous classification

Classified as dangerous goods according to the ADG Code.

Not classified as hazardous according to criteria of NOHSC.

#### Risks

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Safety data

Keep out of the reach of children.

Keep away from food, drink and animal stock feed.

When using do not eat, drink or smoke.

This material and its container must be disposed of in a safe way.

If swallowed, seek medical advice immediately and show this container or label.

Use appropriate container to avoid environmental contamination.

Do not contaminate water with the product or its container.

Do not clean application equipment near surface water / avoid contamination via drains from farmyards and roads.

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**4. FIRST AID MEASURES**

- General advice : Have the product container or label with you when calling a Poisons Information Centre or doctor, or going for treatment.
- If poisoning occurs, contact a doctor or Poisons Information Centre. In Australia 13 11 26.
- Inhalation : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.
- 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.
- Ingestion : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.

**5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)
- Extinguishing media which shall not be used for safety reasons : High volume water jet (contamination risk)
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
- Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- 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.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus. Avoid dust formation.
- Environmental precautions : 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.

## SAFETY DATA SHEET


**DuPont™ Altacor® insecticide**

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Methods for cleaning up : Clean-up methods - Small spillage. Sweep up or vacuum up spillage and collect in suitable container for disposal.

Clean-up methods - Large spillage. Prevent further leakage or spillage. Use approved industrial vacuum cleaner for removal. Shovel into suitable container for disposal.

Additional advice : Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

**7. HANDLING AND STORAGE**
**Handling**

Advice on safe handling : Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

**Storage**

Requirements for storage areas and containers : 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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Occupational Exposure Limits**

Chemical Name	Occupational Exposure Limits		Regulation
Chlorantraniliprole	AEL *	10 mg/m <sup>3</sup> (Total dust.)	DuPont AEL (2007)
	AEL *	5 mg/m <sup>3</sup> (Respirable dust.)	DuPont AEL (2007)

**Engineering measures**

Ensure adequate ventilation, especially in confined areas. Provide appropriate exhaust ventilation at places where dust is formed. Contains no substances with occupational exposure limit values.

**Personal protective equipment**

Respiratory protection : None specified.

Hand protection : None specified.

Eye protection : None specified.

Skin and body protection : None specified.

Hygiene measures : Avoid contact with eyes. Wash hands before breaks and immediately after handling the product.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	: Granular
Colour	: Light brown
Odour	: Very faint
pH	: 9.4 at 10 g/l ( 25 °C)
Explosive properties	: Not explosive
Bulk density	: 695 kg/m <sup>3</sup> loose 782 kg/m <sup>3</sup> packed

**10. STABILITY AND REACTIVITY**

Conditions to avoid	: To avoid thermal decomposition, do not overheat. Under severe dusting conditions, this material may form explosive mixtures in air.
Materials to avoid	: None reasonably foreseeable.
Hazardous decomposition products	: Hydrogen cyanide (hydrocyanic acid), Carbon monoxide, nitrogen oxides (NO <sub>x</sub> )
Hazardous reactions	: Polymerization will not occur. Stable at normal temperatures and storage conditions.

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity	: LD50/Rat : > 5,000 mg/kg
Acute inhalation toxicity	: LC50/4 h/Rat : > 6.2 mg/l
Acute dermal toxicity	: LD50/Rat : > 5,000 mg/kg
Skin irritation	: Rabbit Result: No skin irritation
Eye irritation	: Rabbit Result: No eye irritation
Sensitisation	: Mouse Result: Animal test did not cause sensitization by skin contact.

# SAFETY DATA SHEET



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- Repeated dose toxicity : Oral - feed, Multiple Species  
No toxicologically significant effects were found.
- Dermal, Rat  
No toxicologically significant effects were found.
- Active ingredient
- Mutagenicity assessment : 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. Active ingredient
- Carcinogenicity assessment : Animal testing did not show any carcinogenic effects. Active ingredient
- Toxicity to reproduction assessment : Animal testing showed no reproductive toxicity. Active ingredient
- Assessment teratogenicity : Animal testing showed no developmental toxicity. Active ingredient

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity effects

- Toxicity to fish : LC50/96 h/*Oncorhynchus mykiss* (Rainbow trout): > 3.2 mg/l
- Toxicity to algae : EbC50/72 h/*Pseudokirchneriella subcapitata* (Green algae): > 5 mg/l
- Aquatic toxicity : EC50/48 h/*Daphnia magna* (Water flea): 0.029 mg/l

### 13. DISPOSAL CONSIDERATIONS

- Product : In accordance with local and national regulations. Do not contaminate ponds, waterways or ditches with chemical or used container.
- Contaminated packaging : Do not re-use empty containers.

# SAFETY DATA SHEET



## DuPont™ Altacor® insecticide

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### 14. TRANSPORT INFORMATION

#### ADG

UN-Number : Classified as non dangerous goods according to the ADG Code

#### 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

#### IATA\_C

UN-Number : 3077

Proper shipping name : Environmentally hazardous substance, solid, n.o.s.  
(Chlorantraniliprole)

Class : 9

Packing group : III

Labelling No. : 9MI

Further information : Classified as non dangerous goods according to the ADG Code

### 15. REGULATORY INFORMATION

#### Labelling

Symbol(s) : N Dangerous for the environment

R-phrase(s) : R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : S 2 Keep out of the reach of children.  
S13 Keep away from food, drink and animal stock feed.  
S20/21 When using do not eat, drink or smoke.  
S35 This material and its container must be disposed of in a safe way.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S57 Use appropriate container to avoid environmental contamination.  
SP 1 Do not contaminate water with the product or its container.  
Do not clean application equipment near surface water / avoid contamination via drains from farmyards and roads.

Further information : Not classified as hazardous according to criteria of NOHSC.

#### National regulatory information

SUSDP : No poison schedule number allocated

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To avoid risks to man and the environment, comply with the instructions for use.

**16. OTHER INFORMATION****Sources of key data used to compile the Safety Data Sheet:**

1. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
2. Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
3. List of Designated Hazardous Substances [NOHSC:10005(1999)]
4. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]
5. Australian Code for the Transport of Dangerous Goods by Road & Rail No. 7 [National Transport Commission]
6. Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP), No. 19 [NDPSC: 2004]
7. National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]

**Department:**

Du Pont (Australia) Ltd  
7 Eden Park Drive  
Macquarie Park NSW 2113  
Australia

**Further information:**

Take notice of the directions of use on the label.

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