

# SAFETY DATA SHEET



## DuPont™ Altacor® Hort insecticide

Version 2.0

Revision Date 23.02.2016

Document no. 130000036960

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 name** : DuPont™ Altacor® Hort insecticide

**Other names** : Rynaxypyr 35WG

**Recommended use of the chemical and restriction on use**

Recommended use : Insecticide

**Manufacturer, importer, supplier**

Company : Du Pont (Australia) Pty Ltd

Street address : 7 Eden Park Drive  
Macquarie Park NSW 2113  
Australia

Telephone : (02) 9923 6111

Telefax : (02) 9923 6011

**Emergency telephone number** : (02) 9923 6275 (Transport Emergency)  
(24 hr Emergency Medical Information: 1800 674 415)

### 2. HAZARDS IDENTIFICATION

**Product hazard classification**

Acute aquatic toxicity : Category 1

Chronic aquatic toxicity : Category 1

Endpoints which are not classified, cannot be classified or are not applicable are not shown.

**Label content**

Pictogram :



Signal word : Warning

Hazardous warnings : Very toxic to aquatic life with long lasting effects.

Precautionary statements : Collect spillage.  
Dispose of contents/ container to an approved waste disposal plant.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature** : Mixture

**Components**

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Chemical name	CAS-No.	Concentration
Chlorantraniliprole	500008-45-7	35 %
Other Ingredients		65 %

### 4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center 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 cleaning 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.
- Most important symptoms/effects, acute and delayed** : No information available.
- Protection of first-aiders** : No information available.
- Notes to physician** : Treat symptomatically.

### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Water spray, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media** : High volume water jet, (contamination risk)
- Specific hazards** : No information available.
- Special protective equipment for firefighters** : Use personal protective equipment.
- Specific extinguishing methods** : No information available.
- 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. (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.

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**Hazchem Code** : 2Z

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures** : Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Wear suitable protective equipment.
- 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.
- Methods and materials for containment and cleaning up** : Clean-up methods - small spillage Sweep up or vacuum up spillage and collect in 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

- Technical measures/Precautions : Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.
- Precautions for safe handling : No information available.

#### Storage

- Suitable storage conditions : Store in a well-ventilated area away from heat and sunlight.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

No information available.

**Engineering measures** : Use only with adequate ventilation.

**Biological occupational exposure limits** : No information available.

#### Personal protective equipment

- Respiratory protection : None specified.
- Hand protection : Material: Waterproof gloves

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Eye protection	:	None specified.
Skin protection	:	None specified.
<b>Hygiene measures</b>	:	Avoid contact with eyes. Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance (Physical state, form, colour, etc.)**

Physical state	:	solid
Form	:	granular
Colour	:	light brown

**Odour** : slight sweet**Odour Threshold** : No information available.**pH** : 7 - 10 (10 g/l) (25 °C)**Melting point/freezing point**

No information available.

**Initial boiling point and boiling range**

No information available.

**Flash point** : No information available.**Evaporation rate** : No information available.**Flammability (solid, gas)** : No information available.**Upper/lower flammability or explosive limits**

Upper explosion limit	:	No information available.
Lower explosion limit	:	No information available.

**Vapour pressure** : No information available.**Vapour density** : No information available.**Density**

Bulk density	:	0.70 - 0.86 g/cm <sup>3</sup> packed
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**Solubility(ies)**

Water solubility	:	dispersible
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**Partition coefficient: n-octanol/water** : No information available.**Auto-ignition temperature**

Auto-ignition temperature	:	> 155 °C
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**Decomposition** : No information available.

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**temperature****Viscosity**

Viscosity, kinematic : No information available.

**Molecular weight**

: No information available.

**10. STABILITY AND REACTIVITY****Reactivity** : No information available.**Chemical stability** : Stable at normal temperatures and storage conditions.**Possibility of hazardous reactions** : Polymerization will not occur.**Conditions to avoid** : No information available.**Materials to avoid** : None reasonably foreseeable.**Hazardous decomposition products** : Hazardous decomposition products formed under fire conditions.  
Hydrogen cyanide (hydrocyanic acid)**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

## Oral

DuPont™ Altacor® Hort insecticide : LD50/Rat: &gt; 5,000 mg/kg

## Inhalation

DuPont™ Altacor® Hort insecticide : LC50/4 h(dust/mist): &gt; 6.2 mg/l

## Dermal

DuPont™ Altacor® Hort insecticide : LD50/Rat: &gt; 5,000 mg/kg

**Skin corrosion/irritation**DuPont™ Altacor® Hort insecticide : Species: Rabbit  
Result: No skin irritation**Serious eye damage/eye irritation**DuPont™ Altacor® Hort insecticide : Species: Rabbit  
Result: No eye irritation**Respiratory or skin sensitisation**DuPont™ Altacor® Hort insecticide : Species: Mouse  
Result: Animal test did not cause sensitization by skin contact.**Germ cell mutagenicity**

Chlorantraniliprole : Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

**Carcinogenicity**Chlorantraniliprole : Animal testing did not show any carcinogenic effects.  
Not classifiable as a human carcinogen.**Reproductive toxicity**


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Chlorantraniliprole : Reproductive toxicity: No toxicity to reproduction  
 Animal testing showed no reproductive toxicity.  
 Teratogenicity: Animal testing showed no developmental toxicity.

**Specific Target Organ Toxicity**

Specific target organ toxicity - repeated exposure

DuPont™ Altacor® Hort insecticide : Refer to acute toxicity and/or repeated dose toxicity data for more information on target organs if applicable.

**Aspiration hazard**

No information available.

**Other**

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

**12. ECOLOGICAL INFORMATION**
**Ecotoxicity effects**

Acute and prolonged toxicity to fish

DuPont™ Altacor® Hort insecticide : LC50/96 h/Oncorhynchus mykiss (rainbow trout): > 3.2 mg/l  
 LC50/96 h/Lepomis macrochirus (Bluegill sunfish): > 3.2 mg/l

Toxicity to aquatic plants

DuPont™ Altacor® Hort insecticide : EbC50/72 h/Pseudokirchneriella subcapitata (green algae): > 5 mg/l

Acute toxicity to aquatic invertebrates

DuPont™ Altacor® Hort insecticide : EC50/48 h/Daphnia magna (Water flea): 0.029 mg/l

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility in soil**

No information available.

**Other adverse effects**

DuPont™ Altacor® Hort insecticide : See product label for additional application instructions relating to environmental precautions.

**13. DISPOSAL CONSIDERATIONS**

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- Waste disposal methods** : In accordance with local and national regulations. Do not contaminate ponds, waterways or ditches with chemical or used container. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture, and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.
- Contaminated packaging** : Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

Hazchem Code : 2Z

#### IMDG

UN number : 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Chlorantraniliprole)  
Class : 9  
Packing group : III  
Marine pollutant : yes

#### IATA

UN number : 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Chlorantraniliprole)  
Class : 9  
Packing group : III

**Matters needing attention for transportation** : Not dangerous goods under ADG code when being transported in IBCs or other receptacles < 500 kg (Special Provision AU01). Marine Pollutants in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code and IATA special provision A197.

Not classified as dangerous goods according to the ADG Code.

### 15. REGULATORY INFORMATION

SUSMP: Unscheduled  
APVMA number : 61824

### 16. OTHER INFORMATION

#### References

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#### Revision Date/Version

Date of first preparation : 23.02.2016

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Significant change from previous version is denoted with a double bar.

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