

SAFETY DATA SHEET



DuPont(TM) Altriset(R) termiticide

Version 0.0

Revision Date 25.08.2011

Ref. 130000036930

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(TM) Altriset(R) termiticide
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)
number (24 hr Emergency Medical Information: 1800 674 415)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : B12498745

Components

Chemical Name	CAS-No.	Concentration
Chlorantraniliprole	500008-45-7	18.4 %
Inert Ingredients		81.6 %

3. HAZARDS IDENTIFICATION

Hazardous classification

Not regulated as a hazardous material by IATA.
Optional classification as per IATA Special Provision A97.
Not 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 feedingstuffs.
When using do not eat, drink or smoke.
This material and its container must be disposed of in a safe way.
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).

4. FIRST AID MEASURES

General advice : If poisoning occurs, contact a doctor or Poisons Information Centre. In Australia 13 11 26.
Inhalation : Remove person to fresh air. If signs/symptoms continue, get medical attention.

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Artificial respiration and/or oxygen may be necessary.

Skin contact : The material is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable.

No specific intervention is indicated as the compound is not likely to be hazardous. 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.

Notes to physician

Treatment : Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO₂)

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. Wear full 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.

(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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Review sections 5 and 7 of the SDS before proceeding with clean-up. Use personal protective equipment.

Environmental precautions : Prevent material from entering sewers, waterways, or low areas.

Methods for cleaning up : Soak up with sawdust, sand, oil dry or other absorbent material. Dispose of in an approved container.

Additional advice : Dispose of in accordance with local regulations.

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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 : Store product in original container only, away from other pesticides, fertilizer, food or feed. Store in a well-ventilated area away from heat and sunlight. Keep out of the reach of children.

Advice on common storage : No special restrictions on storage with other products.

Other data : Stable under recommended storage conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Occupational Exposure Limits

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

Engineering measures

Use only with adequate ventilation.

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 skin, eyes and clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wash all protective clothing after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid , suspension

Colour : white

Odour : alcohol-like

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pH	:	7.8
Freezing point	:	-6 °C
Flash point	:	> 100 °C
Explosive properties	:	Not explosive
Density	:	1.094 g/cm ³ at 20 °C
Viscosity, dynamic	:	583 mPa.s

10. STABILITY AND REACTIVITY

Materials to avoid	:	None reasonably foreseeable.
Hazardous decomposition products	:	Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed upon combustion.
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 : > 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.
Repeated dose toxicity	:	Active ingredient Oral - feed, multiple species No toxicologically significant effects were found. Dermal, rat No toxicologically significant effects were found.
Mutagenicity assessment	:	Active ingredient 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.

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Carcinogenicity assessment	: Active ingredient	Animal testing did not show any carcinogenic effects.
Toxicity to reproduction assessment	: Active ingredient	Animal testing showed no reproductive toxicity.
Assessment teratogenicity	: Active ingredient	Animal testing showed no developmental toxicity.

12. ECOLOGICAL INFORMATION
Ecotoxicity effects

Toxicity to fish	: LC50/96 h/Lepomis macrochirus (Bluegill sunfish): > 9.9 mg/l
Toxicity to algae	: ErC50/72 h/Pseudokirchneriella subcapitata (green algae): > 4.0 mg/l
Aquatic toxicity	: EC50/48 h/Daphnia: 0.0071 mg/l

Further information on ecology

Additional ecological information	: See product label for additional application instructions relating to environmental precautions.
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13. DISPOSAL CONSIDERATIONS

Product	: Do not contaminate ponds, waterways or ditches with chemical or used container.
Contaminated packaging	: 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.

14. TRANSPORT INFORMATION
IMDG

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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)

Further information : Not regulated as a hazardous material by IATA.
Optional classification as per IATA Special Provision A97.
Not classified as 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 feedingstuffs.
S20/21 When using do not eat, drink or smoke.
S35 This material and its container must be disposed of in a safe way.
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 : General exemptions

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:

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Further information:

(R) Registered trademark of E.I. du Pont de Nemours and Company
Take notice of the directions of use on the label.

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

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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.