

# SAFETY DATA SHEET



## Acelypryn<sup>®</sup> insecticide

Version .1

Revision Date 13.08.2008

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/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product information

Trade name : DuPont™ Acelypryn<sup>®</sup> insecticide  
Use of the : Insecticide  
Substance/Preparation  
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 : B12498745

#### Components

Chemical Name	CAS-No.	Concentration
Chlorantraniliprole	500008-45-7	20 %
Inert Ingredients		80 %

### 3. HAZARDS IDENTIFICATION

#### Hazardous classification

Not classified as dangerous goods according to the ADG Code.  
Optional classification as per IATA Special Provision A97.  
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 reach of children.  
Keep away from food, drink and animal feeding stuffs.  
When using do not eat, drink or smoke.  
If swallowed, seek medical advice immediately and show this container or label.  
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 : Never give anything by mouth to an unconscious person.  
  
Inhalation : No hazards which require special first aid measures. Consult a physician after significant exposure.

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- Skin contact : No hazards which require special first aid measures. If on skin, rinse well with water. Wash contaminated clothing before re-use.
- Eye contact : No hazards which require special first aid measures. Rinse with plenty of water. Keep eye wide open while rinsing. Consult a physician if necessary.
- Ingestion : No hazards which require special first aid measures. 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.
- 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 : None specified.
- Environmental precautions : Use appropriate container to avoid environmental contamination. Prevent further leakage or spillage. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained. If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods for cleaning up : Clean-up methods - small spillage Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal.
- Clean-up methods - large spillage Prevent further leakage or spillage. Dam up. Large spills should be collected mechanically (remove by pumping) for disposal. Collect leaking liquid in sealable (metal/plastic) containers.
- Additional advice : Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

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**7. HANDLING AND STORAGE****Storage**

Requirements for storage areas and containers : Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

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

Other data : Stable under recommended storage conditions.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Components	Values	Control parameters	Basis
Chlorantraniliprole (Total dust.)	AEL *	10 mg/m <sup>3</sup>	DuPont AEL (2007)
Chlorantraniliprole (Respirable dust.)	AEL *	5 mg/m <sup>3</sup>	DuPont AEL (2007)

**Engineering measures**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

Respiratory protection : None specified.

Hand protection : None specified.

Eye protection : None specified.

Skin and body protection : None specified.

Hygiene measures : Regular cleaning of equipment, work area and clothing. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. For environmental protection remove and wash all contaminated protective equipment before re-use. Dispose of rinse water in accordance with local and national regulations.

Protective measures : All chemical protective clothing should be visually inspected prior to use. Clothing and gloves should be replaced in case of chemical or physical damage or if contaminated.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form : liquid , suspension

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Colour	: white
Odour	: alcoholic
pH	: 7.8 at 10 g/l
Freezing point	: -6 °C
Flash point	: > 100 °C
Flammability (solid, gas)	: not auto-flammable
Explosive properties	: Not explosive
Relative density	: 1.094
Solubility in other solvents	: slightly soluble
Viscosity, dynamic	: 583 mPa.s

**10. STABILITY AND REACTIVITY**

Materials to avoid	: No materials to be especially mentioned.
Hazardous decomposition products	: Carbon oxides, nitrogen oxides (NO <sub>x</sub> )
Hazardous reactions	: No decomposition if stored and applied as directed.

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity	: LD50/rat : > 5,000 mg/kg Method: OECD Test Guideline 425 (Data on the product itself)
Acute inhalation toxicity	: LC50/4 h/rat : > 2 mg/l Method: OECD Test Guideline 403 (Data on the product itself)
Acute dermal toxicity	: LD50/rat : > 5,000 mg/kg Method: OECD Test Guideline 402 (Data on the product itself)
Skin irritation	: rabbit Result: No skin irritation Method: OECD Test Guideline 404 (Data on the product itself)
Eye irritation	: rabbit Result: No eye irritation Method: OECD Test Guideline 405 (Data on the product itself)
Sensitisation	: Local lymph node test mouse Classification: Skin sensitization Result: Animal test did not cause sensitization by skin contact. Method: OECD Test Guideline 429 (Data on the product itself)

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**12. ECOLOGICAL INFORMATION**
**Elimination information (persistence and degradability)**

Bioaccumulation : This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**Ecotoxicity effects**

Toxicity to fish : LC50/96 h/Oncorhynchus mykiss (rainbow trout): > 9.9 mg/l  
Method: OECD Test Guideline 203  
(Data on the product itself)

LC50/96 h/Lepomis macrochirus (Bluegill sunfish): 3.2 mg/l  
Method: OECD Test Guideline 203  
(Data on the product itself)

Toxicity to algae : EbC50/72 h/Pseudokirchneriella subcapitata (green algae): > 4.0 mg/l  
(Data on the product itself)

Aquatic toxicity : EC50/48 h/Daphnia: 0.0071 mg/l  
Method: OECD Test Guideline 202  
(Data on the product itself)

**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.

**14. TRANSPORT INFORMATION**
**IMDG**

UN-Number : 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
(Chlorantraniliprole)  
Class : 9  
Packaging group : III  
Labelling No. : 9  
Marine pollutant : no

Further information : Not classified as dangerous goods according to the ADG Code.  
Optional classification as per IATA Special Provision A97.

**15. REGULATORY INFORMATION**
**Labelling**

Symbol(s) : N Dangerous for the environment

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Hazardous components	:	Chlorantraniliprole	
R-pharse(s)	:	R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-pharse(s)	:	S 2	Keep out of reach of children.
		S13	Keep away from food, drink and animal feeding stuffs.
		S20/21	When using do not eat, drink or smoke.
		S46	If swallowed, seek medical advice immediately and show this container or label.
		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 : No poison schedule number allocated  
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.

<sup>®</sup> Registered trademark of E.I. du Pont de Nemours and Company

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 guidance 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.