



# SAFETY DATA SHEET

AGPRO NZ Limited  
PO Box 58-963,  
Greenmount, AUCKLAND  
Ph: 09 273 3456 Fax: 09 273 3457  
Website: www.agpro.co.nz  
This SDS consists of 16 sections.

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Effective Date: 01/10/05

## AGPRO Activated Amitrole

### 1. SUBSTANCE IDENTIFICATION:

#### AGPRO Activated Amitrole

SUPPLIER NAME: AGPRO NZ Limited  
SUPPLIER CODE: None  
SUPPLIER ADDRESS: 10 Polaris Place, East Tamaki, Auckland.  
SUPPLIER PHONE: 09 273 3456  
EMERGENCY PHONE: 0800 POISON  
CHEMICAL FAMILY:

SUPPLIER FAX: 09 273 3457

USE: Used to control many annual and perennial weeds, grasses and some bushweeds. For use in cropping, asparagus beds, orchards, vineyards, pine forests and industrial areas.

### 2. HAZARDS IDENTIFICATION:

Hazard Classes 6.4A, 6.8B, 6.9A, 9.1B, 9.2A.  
Will cause irritation to eyes.  
Refer to Section 15 for ERMA Requirements.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION
Amitrole, 3-amino-1,2,4-triazole	61-82-5	400g/L
Ammonium thiocyanate	1762-95-4	100g/L
Hydrochloric acid 33%	7647-01-0	<500g/L
Wetting Agent		<500g/L
Water		up to 100%

### 4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention.  
SKIN CONTACT: Wash with plenty of soap and flowing water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse.  
INHALATION: If ill-effects occur, move the victim to fresh air. If ill-effects persist, consult a doctor.  
INGESTION: If swallowed drink water and induce vomiting. Repeat vomiting until fluid is clear in appearance. Seek medical attention.  
NOTES TO DOCTOR: Treat symptomatically.

### 5. FIRE FIGHTING MEASURES:

FLASHPOINT: None  
FLAMMABLE LIMITS: None  
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam or carbon dioxide.  
THERMAL DECOMPOSITION PRODUCTS:  
SPECIAL FIRE FIGHTING METHODS: Vapours may be toxic. Self contained breathing apparatus required. Do not allow contaminated runoff to enter drains.  
UNUSUAL FIRE OR EXPLOSION HAZARDS: None.

### 6. ACCIDENTAL RELEASE MEASURES:

Use appropriate protective equipment. Clear area of unnecessary personnel. Spills may be slippery and should be cleaned up immediately.  
Large spill: Dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimise runoff into waterways or drains.

### 7. HANDLING AND STORAGE:

Store in original container, tightly closed, away from foodstuffs, seeds, fertilisers and pesticides. Keep out of reach of children. Wash protective clothing daily after work.



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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: Not established by OSHA.  
EYE PROTECTION: Where eye contact is likely, use chemical splash goggles.  
RESPIRATORY PROTECTION: When work conditions are such that aerosols or mists are generated or may be generated, use a suitable approved respirator.  
PROTECTIVE CLOTHING: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear.  
VENTILATION: General (mechanical) room ventilation is considered satisfactory.  
HYGIENE PRECAUTIONS: Do not eat, drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands before breaks and after work.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR:	Clear dark amber liquid	pH:	Not Applicable.
BOILING POINT:	Not Available	SETTING POINT:	Not Available.
DENSITY:	1.12g/mL @ 25°C	AUTOIGNITION TEMP:	Not Applicable.
DECOMPOSITION TEMP:	Not Available.	VAPOUR DENSITY:	Not Available.
FLASHPOINT:	Not Applicable.	VAPOUR PRESSURE:	Not Available.
EXPLOSION PROPERTIES:	Not Applicable.		
SOLUBILITY:	Miscible		
OTHER DATA:			
OCTANOL / WATER PARTITION COEFFICIENT:	Not Available.		

### 10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: None.  
MATERIALS TO AVOID:  
HAZARDOUS DECOMPOSITION PRODUCTS: None.

### 11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL: LD50 (rats) >1100 mg/kg.  
ACUTE DERMAL: LC50 (rabbit) inhalation >10 000 mg/Kg.  
ACUTE INHALATION:  
OTHER TOXICITY INFORMATION: Warning - May cause skin irritation, avoid skin contact.  
Warning - May cause severe eye irritation, avoid contact with eyes.

#### Acute

Swallowed: Single dose oral toxicity is moderately toxic. Rat LD<sub>50</sub> >1100mg/kg.  
Eye: Severe irritant.  
Skin: Moderately irritating. Rat LD<sub>50</sub> >10 000mg/kg  
Inhaled: Moderate irritant.

#### Chronic

Dogs fed Amitrole exhibited thyroid and pituitary changes. Amitrole does not cause reproductive effects or does not cause mutagenic effects.

### 12. ECOLOGICAL INFORMATION:

AQUATIC TOXICITY: Slightly toxic to aquatic invertebrates.  
SOIL TOXICITY:  
TERRESTRIAL VERTEBRATES - BIRDS:  
TERRESTRIAL INVERTEBRATES - BEES:  
Agpro Activated Amitrole has been shown to be slightly toxic to aquatic invertebrates. Do not contaminate streams, rivers or waterways with the chemical or the used container.



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### 13. DISPOSAL CONSIDERATIONS:

Triple rinse container and add residue to spray tank. Burn the container if circumstances, especially wind direction permit. Otherwise bury in a landfill. Avoid contamination of any water supply with chemical or empty container. Do not use the container for any other purpose.

### 14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME: None  
DG CLASS: None  
UN NUMBER: None  
HAZCHEM: 2Z  
PACK GROUP: None

### 15. REGULATORY INFORMATION:

APPROVED HANDLER: This product must be under the control of an approved handler during use.  
See the ERMA Website for more details: [www.ermanz.govt.nz](http://www.ermanz.govt.nz)  
ERMA Approval Code: HSR000223.  
ACVM Pesticide Number: P005013.

### 16. OTHER INFORMATION:

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.