

# AGPRO DIRECT SAFETY DATA SHEET

## AGPRO ACETOCHLOR 840

Issue Date: 01/08/2017

### 1. SUBSTANCE IDENTIFICATION:

#### AGPRO Acetochlor 840

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  
USE: Herbicide  
SUPPLIER FAX: 09 273 3457

### 2. HAZARDS IDENTIFICATION:

HAZARD CLASSIFICATION: 6.1D, 6.1E, 6.3A, 6.4A, 6.5B, 6.9B, 9.1A, 9.1B, 9.2A, 9.3C  
Classified as Hazardous. Classified as Dangerous Good for Transport.  
Refer Toxicological and Ecological Information.  
Refer to Section 15 for EPA Requirements.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION	HAZARD CLASSIFICATION
Acetochlor:	34256-82-1	84%	Classes 6 & 9
Light petroleum distillate		<10%	
Surfactants etc		<10%	

### 4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention if irritation occurs.  
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: Do not induce vomiting. Wash out mouth with water. and drink several glasses of water. Call a doctor immediately.  
NOTES TO DOCTOR: No specific antidote. Treat symptomatically. If gastric lavage or emesis considered necessary, inhalation of hydrocarbons must be prevented.

### 5. FIRE FIGHTING MEASURES:

FLASHPOINT: Non flammable, but will be combustible in a fire.  
FLAMMABLE LIMITS: Non flammable.  
EXTINGUISHING MEDIA: Water spray (fog) , foam. Dry chemical or CO2. Avoid water jet.  
THERMAL DECOMPOSITION PRODUCTS: Include hydrogen chloride and oxides of carbon and nitrogen.  
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. Warning this substance is very toxic to aquatic organisms. Avoid contamination of any water supply with this substance or empty container.

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### 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.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: Not established by OSHA for liquid products.  
EYE PROTECTION: Where eye contact is likely, use chemical splash goggles or face shield.  
RESPIRATORY PROTECTION: Air respirator with organic vapour canister or self contained breathing apparatus when exposed to vapours from heated material.  
PROTECTIVE CLOTHING: Where skin 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. The use of a skin barrier cream is useful to give additional skin protection.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR:	Dark red clear liquid.	pH:	7-8.5 (1% water soln 25°C)
BOILING POINT:	Not available	SETTING POINT:	<0°C.
DENSITY:	1.10-1.14g/ml	AUTOIGNITION TEMP:	Not Available.
DECOMPOSITION TEMP:	Not Available.	VAPOUR DENSITY:	Not Available.
FLASHPOINT:	108°C.	VAPOUR PRESSURE:	0.076 mPa @ 25°C chlorothalonil.
EXPLOSION PROPERTIES:	Not Applicable.		
SOLUBILITY:	Dispersible in water.		

### 10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: Stable under normal storage conditions. Not flammable.  
MATERIALS TO AVOID: Avoid mixing with strong acids, alkalis and oxidizing agents such as chlorine compounds, ammonium nitrate etc..  
HAZARDOUS DECOMPOSITION PRODUCTS: Products arising from combustion or thermal decomposition may be toxic, corrosive or flammable.

### 11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL: Low dose single toxicity. LD50 (rat) 2148mg/kg of active.  
ACUTE DERMAL: LD50 (DERMAL) 4166mg/kg (rabbit). Not likely to be absorbed in acutely toxic amounts.  
ACUTE INHALATION: May cause irritation to respiratory tract.  
OTHER TOXICITY INFORMATION: May be harmful if swallowed, inhaled or absorbed through the skin.  
May cause skin irritation, avoid skin contact.  
May cause eye irritation, avoid contact with eyes.  
May cause skin sensitization from prolonged contact. Avoid skin contact.  
May cause kidney damage from repeated oral exposure at high doses.

### 12. ECOLOGICAL INFORMATION:

AQUATIC TOXICITY: Very toxicity to fish and aquatic animals. LC50(96hr) rainbow trout-0.36mg/L based on the active.  
SOIL TOXICITY: Toxic to worms.  
TERRESTRIAL VERTEBRATES - BIRDS: Toxic to birds. LD50 Bobwhite quail >1260mg/kg.  
TERRESTRIAL INVERTEBRATES - BEES: Non-toxic to bees.  
WARNING: Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty 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:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Acetochlor 84%)
UN HAZARD CLASS:	9
UN NUMBER:	3082
HAZCHEM:	3Z
PACK GROUP:	III
Additional Information:	Contains Acetochlor.

### 15. REGULATORY INFORMATION:

APPROVED HANDLER:	This product is only required to be under the control of an approved handler when applied in a wide dispersive manner, by a commercial contractor or when applied directly onto or into water.
See the EPA Website for more details:	<a href="http://www.epa.govt.nz">www.epa.govt.nz</a>
EPA Approval Code:	HSR000404
ACVM Pesticide Number:	P008386

### 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.