

AGPRO DIRECT SAFETY DATA SHEET

AGPRO PENDIMETHALIN

Issue Date: 21/08/2018

1. SUBSTANCE IDENTIFICATION:

AGPRO Pendimethalin

SUPPLIER NAME: AGPRO NZ Ltd
SUPPLIER CODE: None
SUPPLIER ADDRESS: 10 Polaris Place, East Tamaki, Auckland
SUPPLIER PHONE: 09 273 3456
EMERGENCY PHONE: 0800 POISON
SUPPLIER FAX: 09 273 3457

2. HAZARDS IDENTIFICATION:

HAZARD CLASSES: 6.1E; Warning. May be harmful if swallowed, inhaled or absorbed through skin.
6.4A Warning. Eye irritant.
6.5B; Warning. May cause sensitization from prolonged skin contact.
6.9B; Warning. May cause damage to organs through repeated oral exposure at high doses.
9.1A; Warning. Very toxic to aquatic organisms.
9.2A; Warning. Very toxic to the soil environment.
9.3C; Harmful to terrestrial vertebrates.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Pendimethalin	40487-42-1	40 %
Other ingredients		60 %

4. FIRST-AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for 15 minutes. Seek medical attention if irritation occurs.
SKIN CONTACT: Remove contaminated clothing. Wash with plenty of soap and flowing water for at least 15 minutes. Wash clothing before reuse.
INHALATION: If ill effects occur, move victim to fresh air. If ill effects persist, seek medical attention.
INGESTION: Flush mouth immediately. Seek medical advice. Do not induce vomiting.
NOTES TO DOCTOR: No specific antidote. Treat symptomatically.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: > 100 °C
FLAMMABLE LIMITS: Not flammable.
EXTINGUISHING MEDIA: Dry chemical, Foam, CO₂, Water mist.
THERMAL DECOMPOSITION PRODUCTS: Oxides of Carbon and Nitrogen.
SPECIAL FIRE FIGHTING METHODS: Self contained breathing apparatus and chemical protective clothing should be used.
Do not allow run off from fire fighting to enter water courses or 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 and fertilisers. Keep out of reach of children. Wash protective clothing daily after work.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EXPOSURE LIMITS:	Not set.
EYE PROTECTION:	Where eye contact is possible, use chemical splash goggles.
RESPIRATORY PROTECTION:	Where inhalation is possible, user appropriate respiratory gear.
PROTECTIVE CLOTHING:	Wear suitable protective clothing depending on likely exposure – e.g. overalls, gloves, boots (all chemically resistant).
VENTILATION:	General (mechanical) room ventilation is considered satisfactory.
HYGIENE PROTECTION:	Do not eat, drink or smoke while working with this product. Remove clothing that becomes contaminated and wash before reuse. Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE/STATE/ODOUR:	Viscous orange liquid with slight sweet, nutty odour.		
BOILING POINT:	Not available.	pH:	6.5 – 7.5
DENSITY:	1.04 g/cm ³	SETTING POINT:	Not available
DECOMPOSITION TEMP:	Not available.	AUTOIGNITION POINT:	Not available.
FLASHPOINT:	Not flammable.	VAPOUR DENSITY:	Not available.
EXPLOSION PROPERTIES:	None.	VAPOUR PRESSURE:	Not available.
SOLUBILITY:	Forms a suspension in water.		
OTHER DATA:	None.		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:	Heat.
MATERIALS TO AVOID:	None known.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of Carbon and Nitrogen.

11. TOXICOLOGICAL INFORMATION:

The following information is presented in respect to the formulated product:

ACUTE ORAL:	LD ₅₀ (Rat) > 5000 mg/kg
ACUTE DERMAL:	LD ₅₀ (Rat) > 5000 mg/kg
ACUTE INHALATION:	LC ₅₀ (Rat) > 5.23 mg/L
OTHER TOXICITY INFORMATION:	Mild skin and eye irritation and is not a sensitizer.

12. ECOLOGICAL INFORMATION:

The following information is presented in respect to the active ingredient:

ECOTOXIC EFFECTS:	Birds: Acute oral LD ₅₀ > 1421 mg/kg (Mallard duck).
	Fish: LC ₅₀ 96 hr 0.14 mg/L (Rainbow Trout).
	LC ₅₀ 96 hr 0.2 mg/L (Blue Sunfish).
	Daphnia: EC ₅₀ 48 hr 0.28 mg/L.
	Algae: EC ₅₀ 48 hr >0.11 mg/L.
	Bees: LD ₅₀ (48 hr) > 100 µg.

13. DISPOSAL CONSIDERATIONS:

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



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14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME:	Environmentally Hazardous Substance, Liquid, N.O.S. (pendimethalin)
DG CLASS:	9
UN NUMBER:	3082
PACKING GROUP:	III
MARINE POLLUTANT:	Yes
HAZCHEM:	2X

15. REGULATORY INFORMATION:

HSNO APPROVAL CODE:	HSR101139
HSNO Controls:	See www.epa.govt.nz for controls.
APPROVED HANDLER:	Not required.
TRACKING:	Not required.
RECORD KEEPING:	Records must be kept for 3 years
ACVM Registration:	P009400
ACVM Controls:	See www.foodsafety.govt.nz for registration conditions.

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 product properties.