

# AGPRO DIRECT SAFETY DATA SHEET

DIRECT

## AGPRO IMIDACLOPRID

Issue Date: 20/03/2018

### 1. SUBSTANCE IDENTIFICATION:

#### AGPRO Imidacloprid

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

### 2. HAZARDS IDENTIFICATION:

HAZARD CLASSES: 6.1C, 6.9B, 9.1A, 9.2A, 9.3B, 9.4A  
6.1C; Danger. May be toxic if swallowed, inhaled or absorbed through skin.  
6.9B; Warning. May cause liver damage from repeated oral exposure at high doses.  
9.1A; Warning. Very toxic to the aquatic environment.  
9.2A; Warning. Very toxic to the soil environment.  
9.3B; Warning. Very toxic to terrestrial vertebrates.  
9.4A; Warning. Very toxic to terrestrial invertebrates.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Imidacloprid	138264-41-3	49.59 % w/v
Other ingredients	-	50.41 %

### 4. FIRST-AID MEASURES:

EYE CONTACT: Flush eyes with flowing water for 15 minutes. Seek medical assistance immediately.  
SKIN CONTACT: Remove contaminated clothing. Wash with plenty of soap and flowing water for at least 15 minutes. Seek medical assistance.  
INHALATION: If ill effects occur, move victim to fresh air. If ill effects persist, seek medical attention immediately.  
INGESTION: Seek medical attention immediately. Do not induce vomiting. Begin artificial respiration if the victim is not breathing, using mouth to nose rather than mouth to mouth.  
NOTES TO DOCTOR: No specific antidote. Treat symptomatically.

### 5. FIRE FIGHTING MEASURES:

FLASHPOINT: Not available.  
FLAMMABLE LIMITS: Not flammable.  
EXTINGUISHING MEDIA: Dry chemical, Foam, CO<sub>2</sub>, Water mist.  
THERMAL DECOMPOSITION PRODUCTS: Hydrogen chloride, Hydrogen cyanide, Carbon dioxide, Carbon monoxide and nitrogen oxides.  
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.

**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:	Off white liquid with characteristic odour.		
BOILING POINT:	Not available.	pH:	5.0 – 9.0
DENSITY:	1.21 g/cm <sup>3</sup>	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, moisture.  
MATERIALS TO AVOID: None known.  
HAZARDOUS POLYMERISATION: Will not occur.

**11. TOXICOLOGICAL INFORMATION:**

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

ACUTE ORAL:	LD <sub>50</sub> (Rat) 450 mg/kg, LD <sub>50</sub> (Mice) 150 mg/kg
ACUTE DERMAL:	LD <sub>50</sub> (Rat) > 5000 mg/kg
ACUTE INHALATION:	LC <sub>50</sub> (Rat) > 5.33 mg/L
OTHER TOXICITY INFORMATION:	None

**12. ECOLOGICAL INFORMATION:**

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

ECOTOXIC EFFECTS:	Birds: Acute oral LD <sub>50</sub> 31 mg/kg (Japanese quail).
	Fish: LC <sub>50</sub> 96 hr 211 mg/L (Rainbow Trout).
	Daphnia: EC <sub>50</sub> 48 hr 85 mg/L.
	Algae: EC <sub>50</sub> 48 hr >10 mg/L.

**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:	Pesticide, Liquid, Toxic , N.O.S. (imidacloprid)
DG CLASS:	6
UN NUMBER:	2902
HAZCHEM:	2X

### 15. REGULATORY INFORMATION:

HSNO APPROVAL CODE:	HSR007662
HSNO Controls:	See <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for controls
RECORD KEEPING:	Records must be kept for 3 years
ACVM Registration:	P008743
ACVM Controls:	See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> 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.