

AGPRO SAFETY DATA SHEET

DIRECT

DIAZATE

Issue Date: 30/05/2018

1. SUBSTANCE IDENTIFICATION:

Diazate

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

2. HAZARDS IDENTIFICATION:

HAZARD CLASSES:

3.1D; Warning. Combustible liquid.
6.1D. Warning. Harmful if swallowed, inhaled or in contact with the skin.
6.3B; Warning. May cause skin irritation.
6.4A; Warning. May cause eye irritation.
6.8B; Warning. Suspected of damage fertility or the unborn child –route of exposure.
6.9A; Warning. May cause neurotoxicity and lung damage from repeated oral exposure at high doses.
9.1A; Warning. Very toxic to the aquatic environment.
9.2B; Toxic to the soil environment.
9.3A; Warning; Very toxic to terrestrial vertebrates.
9.4A; Warning. Very toxic to terrestrial invertebrates.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Diazinon	333-41-5	80%
Other ingredients		Remainder

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 and drink plenty of water if able. Seek medical advice. Do not induce vomiting.
NOTES TO DOCTOR: No specific antidote. Treat symptomatically. Patients suffering a temporary allergic reaction may respond to treatment with anti-histamines or steroid creams and/or systemic steroids. Skin contact paraesthesia (itching, tingling, burning or numbness) are transient.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: > 80 °C
FLAMMABLE LIMITS: Not flammable.
EXTINGUISHING MEDIA: Dry chemical, Foam, CO₂, Soft stream water spray.
THERMAL DECOMPOSITION PRODUCTS: Oxides of Carbon, Hydrogen chloride, Chlorine, Hydrogen, nitrile.
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, wear 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:	Yellow brown liquid with strong unpleasant odour.		
BOILING POINT:	Not applicable.	pH:	Not available
DENSITY:	1.10 g/cm ³	SETTING POINT:	Not available.
DECOMPOSITION TEMP:	Not available.	AUTOIGNITION POINT:	Not applicable.
FLASHPOINT:	Non flammable	VAPOUR DENSITY:	Not available.
EXPLOSION PROPERTIES:	None.	VAPOUR PRESSURE:	Not available.
SOLUBILITY:	Emulsifiable.		
OTHER DATA:	None.		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:	Heat and light.
MATERIALS TO AVOID:	Strong oxidisers
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.

11. TOXICOLOGICAL INFORMATION:

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

ACUTE ORAL:	LD ₅₀ (Rat) 300-400 mg/kg (technical grade material)
ACUTE DERMAL:	LD ₅₀ (Rat) 3600 mg/kg
ACUTE INHALATION:	LC ₅₀ (Rabbit) 3.5 mg/L
OTHER TOXICITY INFORMATION:	Suspected of damage fertility or the unborn child –route of exposure.

12. ECOLOGICAL INFORMATION:

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

EXOTOXIC EFFECTS:	Birds:	Acute oral LD ₅₀ 2.75-40 mg/kg
	Fish:	LC ₅₀ 96 hr 2.6-3.2 mg/L (Rainbow Trout).
	Daphnia:	EC ₅₀ 48 hr 0.36 µg/L.
	Bees:	Highly toxic to bees.

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 (Diazinon)
DG CLASS:	9
UN NUMBER:	3082
HAZCHEM:	2X

15. REGULATORY INFORMATION:

HSNO APPROVAL CODE:	HSR101016
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:	P009258
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.