

AGPRO SAFETY DATA SHEET

DIRECT

AGPRO EPOXICONAZOLE

Issue Date: 15 Jul 2020

1. SUBSTANCE IDENTIFICATION:

AGPRO Epoxiconazole

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: 6.3B: Warning. Cause mild skin irritation.
6.7B: Warning. Suspected of causing cancer- via route of exposure.
6.8B: Warning. Suspected of damaging fertility or the unborn child.
6.9B: Warning. May cause organ damage from repeated oral exposure at high doses.
8.3A: Danger. Causes serious eye damage.
9.1B: Warning. Toxic to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Epoxiconazole	133855-98-8 (formerly 106325-08-0)	12.25%
Other ingredients		87.75 %

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: Seek medical advice. Do not induce vomiting.
NOTES TO DOCTOR: No specific antidote. Treat symptomatically.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: Not flammable.
FLAMMABLE LIMITS: Not flammable.
EXTINGUISHING MEDIA: Dry chemical, Foam, CO₂, Water spray.
THERMAL DECOMPOSITION PRODUCTS: Carbon monoxide, hydrogen chloride, hydrogen fluoride, 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:

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:	Light beige liquid with slight odour.	pH:	6.0 – 8.0.
BOILING POINT:	Not applicable	SETTING POINT:	Not available
DENSITY:	1.02 – 1.08 g/cm ³	AUTOIGNITION POINT:	Not available.
DECOMPOSITION TEMP:	Not available.	VAPOUR DENSITY:	Not available.
FLASHPOINT:	> 100 °C.	VAPOUR PRESSURE:	Not available.
EXPLOSION PROPERTIES:	None.		
SOLUBILITY:	Forms a suspension in water.		
OTHER DATA:	None.		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:	None.
MATERIALS TO AVOID:	None.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, hydrogen chloride, hydrogen fluoride, nitrogen oxides.

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) > 2000 mg/kg
ACUTE INHALATION:	LC ₅₀ (Rat) > 3.29 mg/L
OTHER TOXICITY INFORMATION:	None

12. ECOLOGICAL INFORMATION:

In respect to the active ingredients:

ACUTE TOXICITY BIRDS:	Bobwhite quail: Acute oral LD ₅₀ > 2000 mg/kg
ACUTE TOXICITY FISH:	Rainbow trout. LC ₅₀ 96 hr 5.97 mg/L
TOXICITY ALGAE:	EC ₅₀ 72 hr 3.07 mg/L
TOXICITY BEES:	LD ₅₀ Oral/Contact >100 µg/Bee

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.

14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains epoxiconazole)
DG CLASS:	9
Packing Group:	III
UN NUMBER:	3082
MARINE POLLUTANT:	Yes
HAZCHEM:	2[Z]



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15. REGULATORY INFORMATION:

HSNO APPROVAL CODE:	HSR100986
HSNO Controls:	See www.epa.govt.nz for controls.
APPROVED HANDLER:	Required.
TRACKING:	Not required.
RECORD KEEPING:	Records must be kept for 3 years
ACVM Registration:	P009260
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 products' properties.