

AGPRO SAFETY DATA SHEET

DIRECT

AGPRO AZOXYSTROBIN 250SC

Issue Date: 06/04/2018

1. SUBSTANCE IDENTIFICATION:

AGPRO Azoxystrobin 250SC

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: Fungicide
SUPPLIER FAX: 09 273 3457

2. HAZARDS IDENTIFICATION:

Classified as Hazardous. Classified as Dangerous Good for Transport.

HSNO HAZARD CLASSIFICATION: 6.1D, 6.3B, 6.4A, 6.9B, 9.1A
Refer Toxicological and Ecological Information.
Refer to Section 15 for EPA Requirements.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Azoxystrobin	131860-33-8	250g/L

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. Antihistamines or steroid cream have been effective in treatment of skin.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: Non flammable.
FLAMMABLE LIMITS: Non flammable.
EXTINGUISHING MEDIA: Water spray (fog) or foam.
THERMAL DECOMPOSITION PRODUCTS: Include hydrogen chloride and oxides of carbon and nitrogen.
SPECIAL FIRE FIGHTING METHODS: Addition of water may cause excessive foaming. 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.

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.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS:	Not established by OSHA for liquid products. Inhalation LC50 dry technical chlorothalonil (1hr for rats) 4.7 mg/L air.
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:	Off white to beige aqueous suspension concentrate.		
BOILING POINT:	100°C.	pH:	6 – 8 (1% water soln 25°C)
DENSITY:	1.09g/ml	SETTING POINT:	<0°C.
DECOMPOSITION TEMP:	Not Available.	AUTOIGNITION TEMP:	Not Available.
FLASHPOINT:	Not Available.	VAPOUR DENSITY:	Not Available.
EXPLOSION PROPERTIES:	Not Applicable.	VAPOUR PRESSURE:	Not Available.
SOLUBILITY:	Dispersible in water.		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:	Stable under normal storage conditions. Not flammable.
MATERIALS TO AVOID:	None.
HAZARDOUS DECOMPOSITION PRODUCTS:	If product is involved in a fire, oxides of nitrogen, sulphur and carbon may be formed.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL:	LD50 (rat) is >5,000mg/kg for azoxystrobin.
ACUTE DERMAL:	LD50 (rat) is >2,000mg/kg for azoxystrobin
ACUTE INHALATION:	LC50 (4h, nose only) for female rats = 0.69mg/L for azoxystrobin technical
OTHER TOXICITY INFORMATION:	Azoxystrobin technical has been extensively tested on laboratory mammals and in test-tube systems. It did not show carcinogenic, teratogenic or mutagenic effects in animal experiments.

12. ECOLOGICAL INFORMATION:

AQUATIC TOXICITY:	LC50 (96h) rainbow trout = 0.47mg/L for azoxystrobin
SOIL TOXICITY:	Azoxystrobin: Low bioaccumulation potential. Stable in water. Moderate mobility in soil. Sinks in water (after 24 hours). Kow logP = 2.5 (20°C).
TERRESTRIAL VERTEBRATES - BIRDS:	LC50 mallard ducks and bobwhite quail is >2,000mg/kg for azoxystrobin
TERRESTRIAL INVERTEBRATES - BEES:	LD50 honey bee (oral) is >25Lg/bee and (contact) >200Lg/bee for azoxystrobin
WARNING:	Azoxystrobin is persistent.

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.



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14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - (Azoxystrobin, 25%)
UN HAZARD CLASS: 9
UN NUMBER: 3082
HAZCHEM: 2X
PACK GROUP: III

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: www.epa.govt.nz
EPA Approval Code: HSR100871
ACVM Pesticide Number: P008798

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.