

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY:

PRODUCT NAME: **AXIS GOLD**
MANUFACTURER: Zelam Ltd
SUPPLIER NAME: Zelam Ltd
SUPPLIER ADDRESS: 13-15 Hudson Rd, Bell Block, New Plymouth, New Zealand
SUPPLIER PHONE: +64 6 7559234 SUPPLIER FAX: +64 6 7551174
EMERGENCY PHONE: 0800 243 622, 0800 CHEMCALL INTERNATIONAL EMERGENCY PHONE: +64 3 353 0199
CHEMICAL FAMILY: Azole USE: Fungicide

2. HAZARDS IDENTIFICATION:

6.1E; Harmful - may be harmful if swallowed, inhaled or absorbed through the skin.
6.9B; Harmful - may cause organ damage from repeated oral exposure at high doses.
9.1A; Very toxic to aquatic organisms. Avoid contamination of any water supply with this product or empty container.
Refer to Section 15 for NZ EPA Requirements.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Tebuconazole	107534-96-3	45	
Water		< 26	
Inerts		Balance	

4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention if irritation persists.
SKIN CONTACT: Immediately flush with plenty of water while removing contaminated clothing. DO NOT scrub the skin. Continue for at least 15 minutes. Wash clothing before reuse.
INHALATION: If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth. Obtain medical attention.
INGESTION: If swallowed, drink several glasses of water. DO NOT induce vomiting. Seek medical advice.
NOTES TO DOCTOR: No specific antidote. Treat Symptomatically.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: Not applicable. HAZCHEM CODE: 2 X
FLAMMABLE LIMITS: Not applicable.
EXTINGUISHING MEDIA: Foam, Carbon dioxide, Dry chemical or Water spray (fog).
THERMAL DECOMPOSITION PRODUCTS: Thermal decomposition may release toxic vapours.
SPECIAL FIRE FIGHTING METHODS: Vapours may be toxic. Self contained breathing apparatus required. Do not allow contaminated run-off 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.

7. HANDLING AND STORAGE:

Harmful - Keep out of reach of children.
Store in original container, tightly closed under lock and key, away from food stuffs and in accordance with NZS 8409 - Management of Agrichemicals.
Wear personal protective equipment appropriate to the situation when handling product. Wash protective clothing daily after work.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: No exposure limits (WES, TEL, or EEL's) have been specifically assigned for this product.
EYE PROTECTION: Avoid contact with eyes. Wear safety glasses when there is a risk of a splash.
RESPIRATORY PROTECTION: Not normally required. Exceptions: in the case of fire or during the formation of mists or aerosols.
PROTECTIVE CLOTHING: Avoid skin contact, chemical resistant gloves should be worn whenever handling this product. If contamination of clothing is likely, full protective clothing should be worn.
VENTILATION: General 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.

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9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR:	White Liquid		
BOILING POINT:	Not available	pH:	6 - 8
DENSITY:	1.11	SETTING POINT:	Not available
DECOMPOSITION TEMP:	Not available	AUTOIGNITION TEMP:	Not applicable
FLASHPOINT:	Not applicable	VAPOUR DENSITY:	Not available
EXPLOSION PROPERTIES:	Not applicable	VAPOUR PRESSURE:	Not available
SOLUBILITY:	Miscible in water		
OTHER DATA:	None		
OCTANOL / WATER PARTITION COEFFICIENT:	Not available		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:	None
MATERIALS TO AVOID:	None
HAZARDOUS DECOMPOSITION	Avoid inhaling vapours

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL:	> 2000 mg/Kg
ACUTE DERMAL:	> 2000 mg/Kg
ACUTE INHALATION:	> 5 mg/L

OTHER TOXICITY INFORMATION:

May be harmful if swallowed, inhaled or absorbed through the skin and may cause organ damage from repeated oral exposure at high doses.

12. ECOLOGICAL INFORMATION:

Aquatic Toxicity: Very toxic to fish.
Soil Toxicity: Not toxic to worms.
Terrestrial Vertebrates - Birds: Not toxic to birds.
Terrestrial Invertebrates - Bees: Not toxic to bees.

Axis Gold shall NOT be applied onto or into water
Very toxic to aquatic organisms. Avoid contamination of any water supply with this product or empty container.

13. DISPOSAL CONSIDERATIONS:

Triple rinse empty container and add rinsate to the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot. Alternatively crush and bury in an approved landfill.
Dispose of product only by using according to this label, or at an approved disposal facility.
Avoid contamination of any water supply or stream with product or empty container.

14. TRANSPORT INFORMATION:

Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S (Tebuconazole)		
UN Number:	3082	UN Hazard Class:	9
Packing Group:	III	Hazchem Code:	2X
Additional Information:	Do not carry more than 10 litres of this product on a passenger service vehicle.		

15. REGULATORY INFORMATION:

APPROVED HANDLER: The product must be under the personal control of an approved handler when:

- the product is applied in a wide dispersive manner; or
- used by a commercial contractor.

However, it may be handled by a person who is not an approved handler if:

- an approved handler is present at the facility where the substance is being handled; and
- the approved handler has provided guidance to the person in respect to the handling of the product; and
- the approved handler is available at all times to provide assistance if necessary.

Axis Gold shall NOT be applied onto or into water

RECORD KEEPING: A written record of use is required if 3 kg or more of this product is used within 24 hours in a place where:

- public may lawfully be present; or
- the substance is likely to enter air or water and leave the place where it is under control.

The information must be kept for a minimum of three [3] years.

Approved pursuant to the HSNO Act 1996. NZ EPA Approval Code: HSR007767. See <www.epa.govt.nz> for controls.
Registered pursuant to the ACVM Act 1997. ACVM Pesticide No: P007686 See <www.nzfsa.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's properties.