

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

### TAG G2

SUPPLIER NAME: Zelam Limited  
SUPPLIER CODE: None  
SUPPLIER ADDRESS: Hudson Road, 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 PH: +64 3 353 0199  
CHEMICAL FAMILY: Triazole, triazine, phosphonomethyl glycine, USE: Knockdown & residual herbicide

## 2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Amitrole	61-82-5	< 10%	Class 6, 9
Glyphosate	1071-83-6	< 10%	
Inerts		< 20%	
Oxyfluorfen	42874-03-3	< 10%	Class 9
Terbuthylazine	5915-41-3	< 40 %	Class 6, 9
Water		Balance	

## 3. HAZARDS IDENTIFICATION:

Harmful - may be harmful if swallowed, inhaled or absorbed through the skin.  
Harmful - may cause eye irritation. Avoid contact with eyes.  
Harmful - may cause reproductive/development damage from repeated oral exposure.  
Harmful - may cause organ damage from repeated oral exposure at high doses.  
Very toxic to fish with long-lasting effects. Avoid contamination of any water supply with product or empty container.  
Very Toxic to the soil environment.  
Harmful to terrestrial vertebrates [birds].  
Refer to Section 15 for ERMA Requirements.

## 4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Consult doctor 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 ill effects occur, move to fresh air. If ill effects persist consult a doctor.  
INGESTION: If swallowed, drink several glasses of water immediately. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.  
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: Dry chemical, water spray (fog), foam or carbon dioxide.  
THERMAL DECOMPOSITION PRODUCTS: Includes oxides of sulphur, carbon and nitrogen.  
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.  
Warning this substance is very toxic to fish. 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. Harmful - Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: A WES of 0.2 mg/m<sup>3</sup> [TWA] is adopted for Amitrole  
EYE PROTECTION: Avoid contact with eyes. Wear a face shield or full goggles when there is a risk of a splash.  
RESPIRATORY PROTECTION: Avoid breathing in vapours or aerosol from the product. Use an appropriate respirator if exposed to the vapours or aerosol from the product.  
PROTECTIVE CLOTHING: Wear protective clothing: chemical resistant gloves, chemical resistant boots and overalls when mixing & using. Wash protective clothing daily after work.  
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: Light brown/cream suspension concentrate  
BOILING POINT: Not Available. pH: 5.0  
DENSITY: 1.15 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:  
OCTANOL / WATER PARTITION COEFFICIENT: Not Available.

## **10. STABILITY AND REACTIVITY:**

CONDITIONS TO AVOID: None.  
MATERIALS TO AVOID: None.  
HAZARDOUS DECOMPOSITION PRODUCTS: None.

## **11. TOXICOLOGICAL INFORMATION:**

ACUTE ORAL: Low single dose toxicity LD50 (male rat) >5100 mg/kg [by calculation].  
ACUTE DERMAL:  
ACUTE INHALATION:  
OTHER TOXICITY INFORMATION: 6.1D; Harmful - may be harmful if swallowed, inhaled or absorbed through the skin.  
6.4A; Harmful - may cause eye irritation. Avoid contact with eyes.  
6.8B; Harmful - may cause reproductive/development damage from repeated oral exposure.  
6.9B; Harmful - may cause organ damage from repeated oral exposure at high doses.

## **12. ECOLOGICAL INFORMATION:**

Aquatic Toxicity: LC50 (96h) fish 8.57 mg/L (by calculation).  
9.1A; Very Toxic to fish with long lasting effects. Avoid contamination of any water supply with this product or empty container.  
9.2A; Very toxic to the soil environment. Selective herbicide - very toxic to some plant species (certain plants may be killed or damaged from root uptake of this product).  
9.3C; Harmful to terrestrial vertebrates [birds]

## **13. DISPOSAL CONSIDERATIONS:**

Triple rinse container and add rinsate to spray tank. Dispose of container at an approved landfill or Agrecovery Depot. Avoid contamination of any water supply or stream with this product or empty container.

## **14. TRANSPORT INFORMATION:**

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S UN Hazard Class: 9.  
UN Number: 3082 Packing Group: III  
Hazchem Code: 2X  
Additional Information: Contains Terbutylazine, Glyphosate, Amitrole & Oxyfluorfen

## **15. REGULATORY INFORMATION:**

TAG Rapid MUST NOT be applied directly onto or into water.

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

- a) the product is applied in a wide dispersive manner; or b) 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.

RECORD KEEPING: A written record of each application or discharge must be kept where members of the public may lawfully be present or the substance is likely to enter the air or water and leave the area. The information must be kept for a minimum of three years.

The following maximum application rates of TAG Rapid have been set:

- Non-crop land - 25 L/ha with a maximum frequency of twice a year.
- Orchards - 6 L/ha with a maximum frequency of 6 [six] applications per year.

This product DOES NOT have Tracking Requirements.

ERMA Approval Code: HSR007866 ACVM Pesticide Number: P7734  
See the ERMA Website for more details: [www.ermanz.govt.nz](http://www.ermanz.govt.nz)

## **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.