

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

PIPSTAR ENCAPS

SUPPLIER NAME: Zelam Limited
MANUFACTURER: Zelam Limited
SUPPLIER ADDRESS: Hudson Road, Bell Block, New Plymouth, New Zealand
SUPPLIER PHONE: +64 6 755 9234 SUPPLIER FAX: +64 6 755 1174
EMERGENCY PHONE: 0800 243 622, 0800 CHEMCALL INTERNATIONAL EMERGENCY PH: +64 3 353 0199
CHEMICAL FAMILY: Triazole USE: Fungicide

2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Inerts		Balance	
Myclobutanil	88671-89-0	<15 %	6.1, 9

3. HAZARDS IDENTIFICATION:

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.
Harmful to aquatic life with long-lasting effects. Avoid contamination of any water supply with product or empty container.
Refer to Section 15 for ERMA Requirements.

4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention if irritation persists.
SKIN CONTACT: Remove contaminated clothing. Wash with soap and water. Do not scrub skin. If skin irritation persists seek medical attention.
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, rinse mouth with water immediately. DO NOT induce vomiting. Seek medical attention.
NOTES TO DOCTOR: No specific antidote. Treat Symptomatically.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: > 93 °C HAZCHEM Code: 2 [Z]
FLAMMABLE LIMITS: Not available
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam or carbon dioxide.
THERMAL DECOMPOSITION PRODUCTS: Thermal decomposition may release ammonia, carbon monoxide and carbon dioxide and oxides of 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:

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. It may be disposed of as an industrial waste in a manner acceptable to good waste management practice in a land fill and in compliance with all regulations.

7. HANDLING AND STORAGE:

Harmful - Keep out of reach of children.
Store in original container, tightly closed away from foodstuffs. Wash protective clothing daily after work.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: No TEL or EEL exposure limits have been specifically assigned for this product.
WES values specified: Vapour and particulates: TWA = 150 ppm & 474 mg/m³
Particulates only: TWA = 10 mg/m³
EYE PROTECTION: Chemical goggles or face shield where splash may occur.
RESPIRATORY PROTECTION: Not normally required. Exceptions: in the case of fire or during the formation of mists or aerosols.
PROTECTIVE CLOTHING: Chemical resistant gloves. Avoid skin contact.
When handling wear overalls and boots. Wash protective clothing daily after work.
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.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR:	Tan suspension	pH:	5 - 7.5
BOILING POINT:	>100 °C	SETTING POINT:	Not Available
DENSITY:	1.00 - 1.15	AUTOIGNITION TEMP:	Not Available
DECOMPOSITION TEMP:	Not Available	VAPOUR DENSITY:	Not Available
FLASHPOINT:	> 93 °C	VAPOUR PRESSURE:	Not Available
EXPLOSION PROPERTIES:	Not Available		
SOLUBILITY:	Dispersable in water		
OTHER DATA:			
OCTANOL / WATER PARTITION COEFFICIENT:	Not Applicable		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: None.
MATERIALS TO AVOID: None.
HAZARDOUS DECOMPOSITION PRODUCTS: Product is stable under normal temperatures and pressures.
Thermal decomposition may release ammonia, carbon monoxide and carbon dioxide and oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL: LD50 Rats: >10,000 mg/Kg (by calculation)
ACUTE DERMAL: LD50 Rats: >5,000 mg/Kg (by calculation)
ACUTE INHALATION: LC50 Rats: 40 mg/Kg (by calculation)
OTHER TOXICITY INFORMATION: 6.4 A: Harmful - may cause eye irritation, avoid contact with eyes.
6.8 B: Harmful - may cause reproductive/development damage from repeated oral exposure.
6.9 B: Harmful - may cause organ damage from repeated oral exposure at high doses.

12. ECOLOGICAL INFORMATION:

Aquatic Toxicity: Harmful to fish; LC50 (96h); 18 mg/L [by calculation]
Soil Toxicity: Not toxic to worms
Terrestrial Vertebrates - Birds: Not toxic to birds; LD50 (ducks); >4,000 mg/Kg [by calculation]
Terrestrial Invertebrates - Bees: Not toxic to bees

9.1 C: Harmful to fish with long-lasting effects. Avoid contamination of any water supply with this product or empty container.

13. DISPOSAL CONSIDERATIONS:

Dispose of this product only by using according to the label. Triple rinse container and add rinsate to spray tank. Crush or puncture cleaned, empty containers and 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:	Not Classified as Dangerous Goods for Transport	UN Hazard Class:	N/A
UN Number:	N/A	Packing Group:	III
Hazchem Code:	2 [Z]		
Additional Information:	Contains encapsulated Myclobutanil		

Do not carry more than 1 L of this product on a passenger service vehicle

15. REGULATORY INFORMATION:

This product DOES NOT have Approved Handler, Record Keeping, or Tracking Requirements.

ERMA Approval Code: HSR001723
ACVM Pesticide Number: P007756
See the ERMA Website for more details: 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 products' properties.