

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

DIVA

SUPPLIER NAME: Zelam Limited
MANUFACTURER: Zelam Limited
SUPPLIER ADDRESS: Hudson Road, Bell Block, New Plymouth, New Zealand
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CHEMICAL FAMILY: Anilinopyrimidine USE: Fungicide

2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Inerts		Balance	
Polyalkylene Glycol	9038-95-3	< 5 %	Class 6, 9
Pyrimethanil	53112-28-0	< 40 %	Class 6, 9

3. HAZARDS IDENTIFICATION:

Harmful - may cause organ damage from repeated oral exposure at high doses.
Toxic to fish/aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container.

Refer to Section 15 for NZ EPA 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: 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: 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 food, food related materials, animal feedstuffs, seed or fertilizer.
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: Chemical goggles or face shield where splash may occur.
RESPIRATORY PROTECTION: Not normally required. Exceptions: during the formation of mists or aerosols or in the case of fire.
PROTECTIVE CLOTHING: If skin contact or contamination of clothing is likely, protective clothing [impervious gloves, waterproof hat, coat, trousers and boots] should be worn.
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: White Suspension Concentrate

BOILING POINT:	Not Available	pH:	6 - 8
DENSITY:	1.08	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: LD50 Rats: > 5000 mg/Kg (by calculation)
ACUTE DERMAL: LD50 Rats: > 5000 mg/Kg (by calculation)
ACUTE INHALATION: LD50 Rats: > 5 mg/Kg (by calculation)
OTHER TOXICITY INFORMATION: 6.9B; Harmful - may cause organ damage from repeated oral exposure at high doses.

12. ECOLOGICAL INFORMATION:

Aquatic Toxicity: Toxic to fish
Soil Toxicity: Not toxic to earthworms
Terrestrial Vertebrates - Birds: Not toxic to birds
Terrestrial Invertebrates - Bees: Not toxic to bees

9.1B; Toxic to fish/aquatic organisms with long-lasting effects. Avoid contamination of any water supply with 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:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S	UN Hazard Class:	9.
UN Number:	3082	Packing Group:	III
Hazchem Code:	2 X		
Additional Information:	Contains Pyrimethanil		

15. REGULATORY INFORMATION:

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

Diva shall Not be applied onto or into water, and shall be applied via ground-based methods only.

This product shall only be used for the purpose of fungal disease management in commercial fruit crops and ornamentals.

NZ EPA Approval Code: HSR007809
ACVM Pesticide Number: P007678
See the NZ EPA Website for more details: www.epa.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.