

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

### **FOSCHEK**

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: Phosphorus acid USE: Systemic fungicide/ foliar feed

## 2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Inerts		<20	
Phosphorus acid	2809-21-4	<50	Class 6, 9
Surfactants (proprietary)		<70	
Water		Balance	

## 3. HAZARDS IDENTIFICATION:

Harmful - may cause skin irritation. Avoid contact with skin.  
Harmful - may cause eye irritation. Avoid contact with eyes.  
Harmful 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. Continue for at least 15 minutes. Wash clothing before reuse.  
INHALATION: If ill-effects occur, move the victim to fresh air. If ill-effects persist, consult a doctor.  
INGESTION: If swallowed, drink several glasses of water or milk. 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 [Z]  
FLAMMABLE LIMITS: Not Applicable.  
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam or carbon dioxide.  
THERMAL DECOMPOSITION PRODUCTS: None.  
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. Harmful to aquatic organisms, avoid contamination of any water supply with product or empty container.

## 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.  
Chemical resistant gloves and eye protection should be worn when handling this product.  
Wash protective clothing daily after work.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: No exposure limits (TEL, or EEL's) have been specifically assigned for this product.  
EYE PROTECTION: Avoid contact with eyes. Wear a face shield or full chemical workers goggles when there is a risk of a splash.  
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, overalls 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: Clear green liquid.  
BOILING POINT: Not Available. pH: 5.0 - 6.3.  
DENSITY: 1.35 - 1.37. 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: 100% 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:  
ACUTE DERMAL:  
ACUTE INHALATION:  
OTHER TOXICITY INFORMATION: 6.3B; Harmful - may cause skin irritation. Avoid contact with skin.  
6.4A; Harmful - may cause eye irritation. Avoid contact with eyes.

## **12. ECOLOGICAL INFORMATION:**

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

9.1D; Harmful 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: Not Classified as Dangerous Goods for Transport UN Hazard Class: N/A  
UN Number: N/A Packing Group: N/A  
Hazchem Code: 2 Z  
Additional Information: Contains Phosphorus acid.

## **15. REGULATORY INFORMATION:**

No Approved Handler, Tracking Requirements, or Record Requirements.

NZ EPA Approval Code: HSR000732.  
ACVM Pesticide Number: P004555.  
See the NZ EPA Website for more details: [www.epa.govt.nz](http://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 products' properties.