

Material Safety Data Sheet

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

PRODUCT NAME: **Foschek**
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 4 917 9888
CHEMICAL FAMILY: Phosphorous acid USE: Systemic fungicide/foliar feed

2. HAZARDS IDENTIFICATION:

6.3B; Harmful - may cause skin irritation. Avoid contact with skin.
6.4A; Harmful - may cause eye irritation. Avoid contact with eyes.
9.1D; 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Mono & di potassium phosphates		<55	
Inerts		<20	
Surfactants (proprietary)		<20	
Water		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. 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.
Wear other personal protective equipment appropriate to the situation when handling product, eg Full body cover [ankle to wrist clothing and boots].
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, When handling full body cover [ankle to wrist clothing, impervious gloves 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.

Material Safety Data Sheet

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR:	Clear blue/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	None.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL:	No data
ACUTE DERMAL:	No data
ACUTE INHALATION:	No data
OTHER TOXICITY INFORMATION:	

Foschek is the neutralised salt of phosphorous acid that should present no significant toxicity problems if used as intended. May cause skin or eye irritation. Avoid contact with skin or 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.

Harmful to fish/aquatic organisms with long-lasting effects. Avoid contamination of any water supply with 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:	Not Classified as Dangerous Goods for Transport (Phosphorous salt)		
UN Number:	N/A	UN Hazard Class:	N/A
Packing Group:	N/A	Hazchem Code:	2 [Z]
Additional Information:			

15. REGULATORY INFORMATION:

No Approved Handler, Tracking Requirements, or Record Requirements.

Approved pursuant to the HSNO Act 1996. NZ EPA Approval Code: HSR000732. See <www.epa.govt.nz> for controls.
Registered pursuant to the ACVM Act 1997. ACVM Pesticide No: P004555. 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.