

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

### **PROMINENT**

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: USE: Selective herbicide

## 2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Inerts		<15	
Prometryn	7287-19-6	<60	Class 6, 9.
Surfactants (proprietary)		<10	
Water		Balance	

## 3. HAZARDS IDENTIFICATION:

Harmful - may be harmful if swallowed, inhaled or absorbed through the skin.  
Harmful - may cause skin sensitisation from prolonged skin contact. Avoid skin contact.  
Harmful - may cause organ damage from repeated oral exposure at high doses.  
Very toxic to fish/aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container.  
Very Toxic to the soil environment.  
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 occurs or persists.  
SKIN CONTACT: Remove contaminated clothing immediately. Wash with soap and flowing water for at least 15 minutes. Wash clothing before reuse.  
INHALATION: If mist or vapor is inhaled, remove the victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Call a physician.  
INGESTION: If swallowed, drink several glasses of water or milk. Seek medical advice.  
NOTES TO DOCTOR: No specific antidote.

## 5. FIRE FIGHTING MEASURES:

FLASHPOINT: Not Applicable.  
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.  
Warning this substance is very toxic to aquatic organisms. 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. Wash protective clothing daily after work.  
Harmful - Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: Not established by OSHA.  
EYE PROTECTION: Chemical goggles or face shield where splash may occur.  
RESPIRATORY PROTECTION: Air respirator with organic vapour canister or self contained breathing apparatus when exposed to vapours from heated material.  
PROTECTIVE CLOTHING: PVC-coated gloves. Avoid skin contact.  
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: Off white suspension concentrate.

BOILING POINT:	100%.	pH:	6.5 - 7.5.
DENSITY:	1.100.	SETTING POINT:	Not Applicable.
DECOMPOSITION TEMP:	Not Available.	AUTOIGNITION TEMP:	Not Applicable.
FLASHPOINT:	Not Applicable.	VAPOUR DENSITY:	Not Available.
EXPLOSION PROPERTIES:	Not Applicable.	VAPOUR PRESSURE:	0.169 mPa (25°C)
SOLUBILITY:	33 mg/L @ 25°C 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 toxicity. LD50 (rats) >5235 mg/Kg.  
ACUTE DERMAL: LD50 (rats) >3100 mg/Kg, (rabbits) >2020 mg/Kg.  
ACUTE INHALATION: LC50 (rats) >5170 mg/m<sup>3</sup> 4hrs.  
OTHER TOXICITY INFORMATION: 6.1E; Harmful - may be harmful if swallowed, inhaled or absorbed through the skin.  
6.5B; Harmful - may cause skin sensitisation from prolonged skin contact. Avoid skin contact.  
6.9B; Harmful - may cause organ damage from repeated oral exposure at high doses.

## **12. ECOLOGICAL INFORMATION:**

Aquatic Toxicity: Very toxic to fish.  
Soil Toxicity: Very toxic to the soil environment  
Terrestrial Vertebrates - Birds: Not toxic to birds.  
Terrestrial Invertebrates - Bees: Not toxic to bees.

9.1A; Very Toxic to fish/aquatic organisms 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).

## **13. DISPOSAL CONSIDERATIONS:**

Triple rinse container and add residue to spray tank. Burn the container if circumstances, especially wind direction permit. Otherwise bury in a landfill. Avoid contamination of any water supply with chemical or empty container. Do not use the container for any other purpose.

## **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 Prometryn.		

## **15. REGULATORY INFORMATION:**

Approved Handler  
An approved handler is required when the substance is applied: a) In a widely dispersive manner. b) By a commercial contractor. c) Directly onto or into the water.  
If an approved handler is present at the facility where the substance is being handled, or the approved handler has provided guidance to the person in respect to the handling of the product and is present at all times a non approved handler may handle the product. The approved handler can be in contact by the use of a cellphone.

Record Keeping.  
Record keeping is required if more than 3 Kg is used within 24 hours in a place where the substance is likely to enter air or water and leave the place. The information must be kept for a minimum of three years.

This product DOES NOT have Tracking Requirements.

See the ERMA Website for more details: [www.ermanz.govt.nz](http://www.ermanz.govt.nz)  
ERMA Approval Code: HSR000559.  
ACVM Pesticide Number: P005550.

## **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.