

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

#### TEEDAL

SUPPLIER NAME: Zelam Limited  
SUPPLIER CODE: None  
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: Acids USE: Herbicide

### 2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Dichloropropionic acid		<20	Class 6, 8, 9.
Inerts		<10	
TCA	650-51-1	<80	Class 6, 8, 9.

### 3. HAZARDS IDENTIFICATION:

Harmful - may be harmful if swallowed, inhaled or absorbed through the skin.  
Danger - this product is corrosive to the skin and to the eyes and may cause skin burns and eye damage.  
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 eyes with flowing water for at least 15 minutes. Get prompt medical attention.  
SKIN CONTACT: Wash with plenty of soap and flowing water for at least 15 minutes while removing contaminated clothing. 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: Temporary allergy - redness of eyes and exposed skin may occur from excessive exposure.

### 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: 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, avoid inhaling dust and avoid skin contact, use PVC gloves. Clear area of unnecessary personnel. Sweep up as much powder as possible.

### 7. HANDLING AND STORAGE:

Store in properly labelled sealed plastic bags. Store below 35°C in a dry area.  
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: Face mask or full breathing apparatus where dust may occur.  
RESPIRATORY PROTECTION: Avoid exposure to dust from the product, use a dust mask if dust is present.  
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: Cream to yellow, hygroscopic powder.

BOILING POINT:	Not Applicable.	pH:	10 [in 5% water soln]
DENSITY:	Not Applicable.	SETTING POINT:	Not Applicable.
DECOMPOSITION TEMP:	Not Available.	AUTOIGNITION TEMP:	Not Applicable.
FLASHPOINT:	Not Applicable.	VAPOUR DENSITY:	Not Applicable.
EXPLOSION PROPERTIES:	Not Applicable.	VAPOUR PRESSURE:	Not Applicable.
SOLUBILITY:	Mixes readily with water.		
OTHER DATA:			
OCTANOL / WATER PARTITION COEFFICIENT:	Not Applicable.		

## **10. STABILITY AND REACTIVITY:**

CONDITIONS TO AVOID: Decomposes above 35°C.  
MATERIALS TO AVOID: None.  
HAZARDOUS DECOMPOSITION PRODUCTS: None.

## **11. TOXICOLOGICAL INFORMATION:**

ACUTE ORAL: Low single dose toxicity. LD50 (male rat) >5000 mg/kg.  
ACUTE DERMAL:  
ACUTE INHALATION:  
OTHER TOXICITY INFORMATION: 6.1D; Harmful - may be harmful if swallowed, inhaled or absorbed through the skin.  
8.2A; Danger - this product is corrosive to the skin and may cause skin burns  
8.3A; Danger - this product is corrosive and may cause eye damage.  
6.9.B; 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:**

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 allow contamination of any water supply with the empty container.

## **14. TRANSPORT INFORMATION:**

Proper Shipping Name:	Corrosive Solid N.O.S.	UN Hazard Class:	8.
UN Number:	1759	Packing Group:	III
Hazchem Code:	2X		
Additional Information:	Contains Dichloropropionic acid.		

## **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.  
The approved handler must have the product under personal control at all times or it must be locked up. However 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: HSR000421.  
ACVM Pesticide Number: P001592.

## **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.