

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

#### METRO 200 WDG

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: Sulfonyl urea USE: Herbicide

### 2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Metsulfuron-methyl	74223-64-6	20	Class 6, 9.

### 3. HAZARDS IDENTIFICATION:

Harmful - may cause skin irritation. Avoid contact with skin.  
Harmful - may cause eye irritation. Avoid contact with eyes.  
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 persists.  
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 ill-effects occur, move the victim to fresh air. Avoid inhalation of dust.  
INGESTION: If swallowed, drink several glasses of water. DO NOT induce vomiting. Seek medical advice.  
NOTES TO DOCTOR: Treat Symptomatically.

### 5. FIRE FIGHTING MEASURES:

FLASHPOINT: Not flammable.  
FLAMMABLE LIMITS: Not flammable.  
EXTINGUISHING MEDIA: Foam, Carbon dioxide, Dry chemical or Water spray (fog).  
THERMAL DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, nitrogen oxides, oxides of sulfur, water.  
SPECIAL FIRE FIGHTING METHODS: Not Applicable.  
UNUSUAL FIRE OR EXPLOSION HAZARDS: Decomposition products are toxic. There is little or no chance of an explosion from this product if involved in a fire.

### 6. ACCIDENTAL RELEASE MEASURES:

Use appropriate protective equipment. Sweep up spilt granules, ensure that the product is stored in either the original container or a well labeled container.  
If the granules are exposed to water the solution may become slippery and should be cleaned up immediately. 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.  
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 under lock and key, away from food stuffs. Wash protective clothing daily after work.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: Not established by OSHA.  
EYE PROTECTION: Chemical goggles or face shield where splash may occur.  
RESPIRATORY PROTECTION: Not established by OSHA.  
PROTECTIVE CLOTHING: If skin contact or contamination of clothing is likely, gloves should be worn.  
VENTILATION: Not normally required. Exceptions: in the case of fire or during the formation of mists or aerosols.  
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: Light tan extruded granule.  
BOILING POINT: Not applicable. pH: 8  
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: Dispersible in water  
OTHER DATA:  
OCTANOL / WATER PARTITION COEFFICIENT: Not available.

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

CONDITIONS TO AVOID:

MATERIALS TO AVOID:

HAZARDOUS DECOMPOSITION PRODUCTS: May decompose to form carbon dioxide, carbon monoxide, nitrogen oxides, oxides of sulfur, and water in event of fire.

### **11. TOXICOLOGICAL INFORMATION:**

ACUTE ORAL: LD50 (Rat) > 5000mg/Kg.

ACUTE DERMAL: LD50(rabbits) > 2000 mg/Kg.

ACUTE INHALATION: LC50 (96 hours) > 150mg/L for rainbow trout and bluegill sunfish.

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: Very toxic to fish. LC 50 (96 hr) for Rainbow trout >150mg/L.

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 allow contamination of any water supply with the empty container.

### **14. TRANSPORT INFORMATION:**

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID N.O.S

UN Hazard Class: 9.

UN Number: 3077

Packing Group: III

Hazchem Code: 2X

Additional Information: Contains Metsulfuron-methyl.

### **15. REGULATORY INFORMATION:**

Approved Handler.

An approved handler is required where: a) The product is applied in a wide dispersive manner (aerial, motorised equipment). b) By a commercial contractor. c) Directly onto or into 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. Note: 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: HSR000245.

ACVM Pesticide Number: P007147.

### **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.