

## DEUCE WDG®

Date of Issue: 06 December 2006

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Methabenzthiazuron techn 98%  
**Recommended use:** Herbicide  
**Supplier:** Elliott Technologies Limited  
45 Kitchener Road  
Pukekohe  
Phone 0800 100 325  
**Emergency telephone number:** 0800 Poison (0800 764 766) 24 Hours

### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** 6.4A, 9.1A, 9.2A

**Required identification Details:**

HARMFUL – MAY CAUSE EYE IRRITATION. AVOID EYE CONTACT.

ECOTOXIC - VERY TOXIC TO AQUATIC ORGANISMS. AVOID CONTAMINATION OF ANY WATER SUPPLY OR EMPTY CONTAINER.

VERY TOXIC TO SOILS - HERBICIDE

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/preparation Information on hazardous ingredients**

Common name	CAS No	%
Methabenzthiazuron		71.5%
Surfactants		10%
Inert ingredients		18.5%

### 4. FIRST-AID MEASURES

**Description of necessary first aid measures:**

**Effects and symptoms**

**First-aid measures**

**Inhalation:**

If inhaled remove to fresh air. See a Doctor if necessary.

**Ingestion:**

If swallowed, Rinse mouth well with water; drink plenty of water. Do not induce vomiting unless told by a Doctor. Call a physician

**Skin contact:**

Remove contaminated clothing and wash skin and clothing with soap and water. Get medical attention if irritation

**Eye contact:**

persists.

Dust from pellets may cause some irritation to the eyes. Flush with running water for at least 15 minutes. Get medical attention if irritation persists.

**Notes to a physician:**

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**5. FIRE-FIGHTING MEASURES****HAZCHEM Code:**

2Z

**Extinguishing media :**

Water, fog, foam, carbon dioxide (CO<sub>2</sub>), dry chemical.

**Hazardous thermal**

Nitrogen oxides, sulphur oxides

**(de)composition products:****Protection of fire-fighters:**

Wear full protective clothing and self contained breathing apparatus. Do not breath smoke or gases.

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**6. ACCIDENTAL RELEASE MEASURES****Personal precautions:**

Avoid contact with skin and eyes. Avoid inhalation of dust/aerosols. Wear long sleeved shirt, long pants, waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

**Environmental precautions:**

Do NOT allow spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways.

**Methods for cleaning up:**

In the case of spillage, contain spilled material. Keep out animals and unprotected persons. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. Label for contents. Dispose of drummed wastes, including decontamination solution, in accordance with the requirements of Local Authorities

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**7. HANDLING AND STORAGE****Handling:**

When mixing or applying, avoid contact with skin and eyes. Wear protective clothing, gloves and goggles. Avoid formation of dust. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.

**Storage:**

Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. Do not store for a long period on time in direct sunlight.

**Packaging materials:**

Plastic bag within cardboard box.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Workplace Exposure Guidelines****Workplace exposure standards:**

No exposure limit allocated.

**Exposure Standards outside:  
The workplace:**

No exposure standards have been set for this product or the active ingredients.

### **Engineering measures**

**Exposure control measures:**

Ensure ventilation is adequate, generally natural ventilation is adequate.

### **Personal Protective Equipment**

**Detail specifications for equipment:  
Respiratory system:**

Do not inhale spray mist or dust from granules.

**Skin and body:**

When opening the container, and using wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length and PVC/nitrile gloves and goggles.

**Hands:**

Elbow-length and PVC/nitrile gloves

**Eyes:**

Wear goggles and dust mask.

**General hygiene:**

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:**

Granule

**Colour:**

Beige-brown

**Odour:**

Characteristic

**pH:**

**Vapour Pressure:**

Not established

**Boiling Point:**

Not established

**Freezing/melting point:**

**Solubility:**

Dispersible in water

**Specific gravity or density:**

Not established

**Information for flammable material including:**

Non combustible material.

**Octanol/water partition coefficient:**

Not available

**Explosion properties:**

Not explosive

**Oxidation properties:**

Not an oxidizer

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## **10. STABILITY AND REACTIVITY**

**Stability:**

Stable under normal conditions.

**Conditions to avoid:**

Excessive heat.

**Materials to avoid:**

None known.

**Hazardous decomposition Products:**

Nitrogen oxides, sulphur oxides

**Hazardous polymerization:**

Is not possible

**Specific Data:**

**Hazardous reactions :**

None known.

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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity – Oral : LD<sub>50</sub></b>	>2500 mg/kg (rat)
<b>Acute toxicity - Dermal : LD<sub>50</sub></b>	>5000 mg/kg (rabbit)
<b>Acute toxicity – Inhalation: LC<sub>50</sub></b>	No data available
<b>Skin irritation :</b>	Not a skin irritant
<b>Eye irritation:</b>	Irritating (rabbit-eye)
<b>Sensitization :</b>	Not a sensitizer.
<b>Chronic toxicity</b>	No data available on this formulation. No chronic effects expected.
<b>Other information :</b>	

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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not established
<b>Bees</b>	Not established
<b>Soil</b>	Not established
<b>Bioaccumulative potential :</b>	This product does not pose a threat to aquatic organisms and fish other than in very large concentrations.
<b>Birds</b>	Do not pose a threat to birds.

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## 13. DISPOSAL CONSIDERATIONS

<b>Methods of disposal :</b>	Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, follow the recommendations in NZS 8409. <b>CONTAINER DISPOSAL:</b> Add residue to spray tank. Ensure box and bag are empty. Burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill.
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## 14. TRANSPORT INFORMATION -International transport regulations

<b>UN number:</b>	3077
<b>Class or Division:</b>	Class 9
<b>Classification Code:</b>	
<b>Packing Group:</b>	IMDG Pack. Group III
<b>Marine Pollutant:</b>	N/A
<b>Proper shipping name :</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Methabenzthiazuron WP 70)

### INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

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## 15. REGULATORY INFORMATION

**ACVM Registered Number:**  
**HSNO Approval Code:**

P4975  
HSR000537

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## 16. OTHER INFORMATION

**Additional information:**

**Original Issue Date:** 6<sup>th</sup> December 2006  
**Revision Date:** N/A  
**Replaces:** N/A

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### **Disclaimer EXCLUSION OF LIABILITY: PLEASE READ**

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