

# Safety data sheet

## Inter-Metribuzin WG

### 1. Identification of the substance/preparation and of the company/undertaking

|   |   |
|---|---|
| Prepared on: 23-05-2003/ AN<br>Replaces: 30-07-2002<br><br><b>Use:</b> Herbicide. | Manufacturer/importer/distributor:<br><b>I.T. Agro Ltd.</b><br><b>823 Salisbury House 29 Finsbury Circus</b><br><b>London EC2M 5QQ</b><br><b>Tel:020 7613 4372 Fax:</b> |
|---|---|

### 2. Composition/information on ingredients

| Einecs No.  | Designation | Classification  | w/w%     |
|---|-------------|-----------------|----------|
| 244-209-7<br><i>Please see item 16 for the wording of R-phrases</i> | Metribuzin  | Xn;R22 N;R50/53 | 700 g/kg |

### 3. Hazards identification

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| Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. |
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### 4. First aid measures

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| <b>By inhalation:</b><br>Seek fresh air. Seek medical advice if symptoms persist. Show this safety data sheet to the doctor.                                      |
| <b>By ingestion:</b><br>Rinse mouth thoroughly and then drink plenty of water. Induce vomiting. Call doctor/ambulance. Show this safety data sheet to the doctor. |
| <b>By skin contact:</b><br>Remove contaminated clothes. Wash skin thoroughly and for a long time with water.  |
| <b>By eye contact:</b><br>Rinse immediately with water (preferably using eye wash) for at least 5 minutes. Open eyes wide. Remove any contact lenses.             |

### 5. Fire-fighting measures

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| Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock. Remove containers from the danger area if this is possible without risk. Do not inhale vapours and flue gases - seek fresh air. |
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### 6. Accidental release measures

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| Use the same personal protection as for item 8. Contact authorities in the event of pollution of soil and aquatic environment or discharge into drains. Dam spill and collect with sand or other absorbent material and place in suitable waste containers. For information on disposal please see item 13. |
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### 7. Handling and storage

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| <b>Handling:</b><br>Please see item 8 for information on personal protection.  |
| <b>Storage:</b><br>Store in a dry place out of reach of children. Do not store together with food, animal feeding stuffs and the like. The product is frost-proof. |

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## 8. Exposure controls/ personal protection

### Design of technical systems:

Work must be done with effective mechanical ventilation (e.g. local extractor fan). Wash hands before breaks and toilet visits and after work.

### Respiratory protection:

By mixing: Half mask with P2-filter.

By spraying with back sprayer under knee height: Not required.

By spraying over knee height by means of grooves/lances on a tractor or the like or walking personnel: Half mask with A2P2-filter.

### Hand and body protection:

By mixing: Overtrousers, boots and nitrile/neoprene gloves.

By spraying with back sprayer under knee height: Overtrousers, boots and nitrile/neoprene gloves.

By spraying over knee height by means of grooves/lances on a tractor or the like or walking personnel: Overtrousers, boots and nitrile/neoprene gloves.

### Eye protection:

By mixing: Eye protection.

By spraying with back sprayer under knee height: Not required.

By spraying over knee height by means of grooves/lances on a tractor or the like or walking personnel: Eye protection.

### Occupational exposure limits:

The product does not contain any substances mentioned in EH40/2001 Occupational Exposure Limits 2001.

## 9. Physical and chemical properties

Appearance: Granulate

## 10. Stability and reactivity

The product is stable if used in accordance with supplier's instructions.

## 11. Toxicological information

### **Immediate effects**

#### **Inhalation:**

Inhalation of dust or aerosols may irritate upper airways.

#### **Ingestion:**

Ingestion may cause discomfort. Signs of poisoning: cramps, nausea and shivers.

#### **Skin contact:**

May be slightly irritating.

#### **Eye contact:**

Temporary irritation.

### **Long-term effects**

None known.

## 12. Ecological information

### Ecological information for the product

Avoid discharge into drains or surface water. The product contains a substance which is very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### Ecotoxicity:

The product is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

### Environmental information for the substances

Cas-No.: 21087-64-9 metribuzin  
Crustacean: Daphnia sp.: 48tEC50 = 4.5 - 35 mg/l  
Algae: Chlorella fusca: 48tEC50 = 43.5 mg/l  
Octanol/water distribution coefficient: 1.7  
BCF: Fish = 20

## 13. Disposal considerations

Collect spills and waste in closed and sealed containers and send to the local disposal facility for chemical waste. Empty container completely and dispose of safely.

EWC code: Depending on line of business and use e.g. 02 01 08 Agrochemical waste containing dangerous substances

## 14. Transport information

Transport has to take place in accordance with national and/or international rules for transport of dangerous goods on road and sea according to ADR and IMDG.

| UN   | Proper shipping name  | Class  | Packaging grp. |             |
|------|---|--------|----------------|-------------|
| 3077 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (metribuzin) | 9<br>9 | III<br>III     | ADR<br>IMDG |

Klassification code: M7 Label ADR/RID: 9 Risk No.: 90  
Flash point: -°C Label IMDG: 9 IMDG EmS.: F-A, S-F

Transport according to section 1.1.3.6.3:

Factor: 1. Maximum total quantity each transported unit: 1000 kg.

Limited quantities:

ADR: Max. 6 kg each inner packaging and max. 24 kg each package. With shrink or stretch foil the limit is 20 kg gross per package (inner packagings have to be of metal or plastic which does not rupture easily).

IMDG: Max. 5 kg each inner packaging and max. 30 kg gross each package. With shrink or stretch foil the limit is 20 kg gross per package.

## 15. Regulatory information

**Hazard designation:**

**Danger symbols:**

**Containing:**

Metribuzin 70 %.

**R-phrases:**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R50/53)

**S-phrases:**

Keep out of reach of children. (S2)

Keep away from food, drink and animal feeding stuffs. (S13)

Avoid contact with skin and eyes. (S24/25)

**Other information:**

CAREFUL

## 16. Other information

**Restrictions in use:**

See statutory conditions on label.

**Training advise:**

Conform with UK-requirements.

**Line of business:**

Agriculture.

**Packaging:**

1 kg carton.

**Sources used:**

Approved classification and labelling guide (fifth edition) 2002.

Approved Supply List (seventh edition) 2002.

Transport regulations for ADR/RID 2003 edition and IMDG 2003 edition.

EU directive 93/112/EEC

**Other information:**

This safety data sheet was prepared on the basis of information from the supplier on the product (safety data sheets, etc.).

**Wording of R-phrases in item 2:**

R22 Harmful if swallowed.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Updates:**

1, 13, 14 and 16.