

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Wuxal Magnesium EDTA
Chemical Name: --
Synonyms: --
Group Name: --
Formula: --
Approved Use: Agricultural/Horticultural Trace Element
Supplier: DHM Agrochemicals Limited
Telephone No: Castle Lodge,
Fax No: Kilgobbin Road,
Issued By: Dublin 18

EMERGENCY TELEPHONE NUMBER: 01-2952377

2. COMPOSITION/INFORMATION ON INGREDIENTS

| No. | Name |
|-----|-------------------------|
| 1. | EDTA chelated Magnesium |
| 2. | Water |

| No. | CAS No. | R Phrases | Concentration | Classification |
|-----|---------|-----------|---------------|----------------|
| 1. | -- | -- | 3.1% w/v | IK |
| 2. | - | -- | to 100% | -- |

Legend: Tx = Very Toxic, C = Corrosive, Xn = Harmful, Xi = Irritant, Ik = No Classification Required, E = Explosive, O = Oxidising, Fx = Extremely Flammable, F = Very Flammable, Fo = Flammable, N = Dang. To the Environment, M = Genotoxic, A = Sensitizing, K = Carcinogenic, R = Causes birth defects, H = skin absorption

3. HAZARDS IDENTIFICATION

Human

No specific risk when handled in accordance with good occupational hygiene practise.

Environment

No information

4. FIRST-AID MEASURES

General: In cases of serious personal contamination always seek medical help immediately
Inhalation: Not specifically applicable

Skin Contact: Rinse with plenty of water
Eye Contact: Rinse immediately with plenty of water for at least 15 minutes.
Ingestion: Rinse mouth out with water.
Medical Information: For specialist advice doctors should contact the nearest **Poisons Information Centre.**

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: All extinguishing agents can be used.
Unsuitable Extinguishing Media: None known.
Special Exposure Hazards: Aqueous liquid. Does not present any particular risk in the event of a fire.
Protective Equipment: Protective clothing, gloves and safety goggles should be worn.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes. Wear appropriate gloves and safety goggles
Environmental Precautions: Do not discharge into drains or rivers.
Methods for Cleaning Up: Absorb the product onto porous material. Recover the product by scraping with a spatula or a similar instrument. Wash the floor with plenty of water. Dispose of waste by an authorised disposal contractor.

7. HANDLING AND STORAGE

Handling: Handle and use in accordance with good occupational hygiene and safety practise.
Storage: Keep away from food, drink and animal foodstuffs. Product must only be kept in the supplier's packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautions: Wear suitable protective gloves and face protection when handling concentrate.
Wash all protective clothing thoroughly after use, especially insides of gloves.
When using do not eat, drink or smoke.
Wash splashes from skin or eyes immediately
Do not breathe spray.
Keep away from animal feedstuffs.
Wash hands before meals and immediately after work
Keep out of reach of children

| | |
|--------------------------------------|--|
| Protective Clothing: | <i>Respiratory Protection:</i> If ventilation is suitable, it is not essential to wear respiratory equipment. <i>Eye Protection:</i> Goggles/safety glasses with side-shields should be worn. <i>Hand Protection:</i> Protective gloves should be worn. <i>Skin Protection:</i> Suitable protective clothing should be worn when dealing with the concentrate or spray. |
| Occupational Exposure Limits: | None |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------------------|--|
| Appearance: | Clear red liquid |
| Odour: | Weak |
| pH: | 7-8 (Aqueous solution – 2g/100ml) |
| Boiling Point/Boiling Range: | Approx. 100°C |
| Melting Point/Melting Range: | No information |
| Flash Point: | Non flammable |
| Flammability: | Non flammable |
| Autoflammability: | Non flammable |
| Explosive Properties: | Non flammable |
| Oxidizing Properties: | Non oxidizing material according to EC criteria |
| Vapour Pressure: | No information |
| Relative Density: | No information |
| Solubility (water and fat): | Miscible (in all proportions). Insoluble in common organic solvents. |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Conditions to Avoid: | Use only as directed |
| Materials to Avoid: | No information |
| Hazardous Decomposition Products: | On combustion or on thermal decomposition (pyrolysis) releases Carbon oxides (CO + CO ₂), Nitrogen oxides. |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------|--|
| Acute Toxicity: | LD ₅₀ oral Rat : > 2000mg/kg |
| Irritation: | May cause slight temporary irritation to skin and ocular mucous members. |
| Sensitization: | No information |

12. ECOLOGICAL INFORMATION

Mobility: Ultimate destination of the product: Soil
Degradability: Slightly biodegradable.
Accumulation: No information

13. DISPOSAL CONSIDERATIONS

Product and Waste: Dispose of materials or solid residues at an authorised site.
Containers: Recycle after cleaning or dispose of at an authorised site

14. TRANSPORT INFORMATION

Special Transport Precautions: None
Road/Rail Classification: No restrictions
IMDG Classification: No restrictions
Air Classification: No restrictions

15. REGULATORY INFORMATION

R-Phrases
None

S-Phrases
None

16. OTHER INFORMATION

Revision 0

Revision Date; 15.10.98

Revision 1 Revision Date; 10.09.00
Revision 2 Revision Date; 24.06.02
Revision 3 Revision Date: 26.07.04

Supplier detail correction, change tel. no.

DISCLAIMER

The information in the MSDS relates to this specific material. If the product is used as a component in any other product, this MSDS may not be valid. The information contained was obtained from sources which we believe are reliable. The information is provided without any warranty, expressed or implied, regarding its correctness.

This Material Safety Data Sheet was prepared according to Directive 93/112/EEC.
