



SAFETY DATA SHEET
Barclay Manganese EDTA

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Barclay Manganese EDTA		
APPLICATION	Agricultural Foliar Feed Contains 6.4% Manganese Disodium EDTA		
SUPPLIER	Barclay Chemicals Manufacturing Ltd, Damastown Way Damastown Industrial Estate Mulhuddart Dublin 15 Ireland Tel: 00-353-1-8112900 Tel: 00-353-863857769 (Emergency) Fax: 00-353-1-8224678 email: info@barclay.ie	MANUFACTURER	Barclay Chemicals Manufacturing Ltd Damastown Way Damastown Industrial Estate Mulhuddart Dublin 15 Ireland Tel: 00-353-1-8112900 Fax: 00-353-8224678 email: info@barclay.ie

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of contamination. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INHALATION

Unlikely route of exposure as the product does not contain volatile substances. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

SKIN CONTACT

Rinse with water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Water spray, fog or mist.

SPECIFIC HAZARDS

Not relevant.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Absorb spillage with suitable absorbent material. Collect in containers and seal securely. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

STORAGE PRECAUTIONS

Keep away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

Respiratory protection not required.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

Wash hands after handling. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Light brown		
ODOUR	Almost odourless		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	Approximately 100 Degrees Celcius	MELTING POINT (°C)	N/A
RELATIVE DENSITY	1.34 g/mL	pH-VALUE, DILUTED SOLUTION	7.6 - 8.0 2% in Water
FLASH POINT (°C)	N/A	AUTO IGNITION TEMPERATURE (°C)	N/A

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Not relevant.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

No incompatible groups noted.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire, toxic gases (CO, CO2, NOx) may be formed.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >2, 000 mg/kg (oral rat)

EYE CONTACT

May cause temporary eye irritation.

12 ECOLOGICAL INFORMATION

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ECOTOXICITY

Not regarded as dangerous for the environment.

DEGRADABILITY

The product is moderately biodegradable.

ACUTE FISH TOXICITY

Not considered toxic to fish.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

16 OTHER INFORMATION

REVISION COMMENTS

This is first issue.

DATE 25th January 2010

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.