

SAFETY DATA SHEET

Valagro EDTA Mn

Date of Issue: April 2016

1. IDENTIFICATION

Product Identifier: Valagro EDTA Mn

Other Means of Identification: Manganese disodium EDTA, ethylenediaminetetraacetic acid complex disodic manganese.

Recommended Use of the Chemical and Restrictions on Use: Fertiliser

Details of Manufacturer or Importer: Campbells Fertilisers Australasia
18 Raymond Road, Laverton North, Victoria, 3026
Phone: (03) 9931 2211
Fax: (03) 9931 2201
www.campbellsfert.com.au

Emergency Telephone Number: (03) 9931 2211 (business hours only 8.30 am to 5.00 pm)
0418 350 726 (after business hours)

2. HAZARD(S) IDENTIFICATION

GHS Classification: Not classified as hazardous according to the GHS

ADG Classification: Based on available information, not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition

SUSMP Classification: Exempt from Poison Scheduling

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Component:	CAS Number:	Proportion (%w/w):
Manganese disodium EDTA	15375-84-5	100

4. FIRST AID MEASURES

Description of Necessary First Aid Measures:

Inhalation: Well ventilate the area and go to the open space.

Skin Contact: Take off all contaminated clothing. Rinse abundantly with water and soap. Seek medical advice in case of irritation. Wash clothes before reuse.

Eye Contact: Rinse immediately and abundantly with water for at least 10 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if the irritation spreads out.

Ingestion: Rinse mouth, give water to drink, induce vomiting. If the subject is

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First Aid unconscious, do not induce vomiting. Seek medical advice.
Facilities: Ensure washing facilities, including an eyewash, are available and maintained.
Advice: Persons providing first aid must use personal protection equipment (latex gloves and safety glasses).

Symptoms caused by Exposure:

Inhalation: Possible irritation of respiratory tract.
Skin Contact: Possible irritation according to the contact time with the product.
Eye Contact: Possible irritation according to the contact time with the product.
Ingestion: Possible irritation of mouth and digestive tract.

Medical Attention and Special Treatment:

If exposed, concerned or if symptoms persist, get medical attention/advice. If medical advice is needed, have product container or label at hand.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Equipment: Water spray, foam, carbon dioxide (CO₂)

Specific Hazards arising from the Chemical: In case of fire, avoid breathing fumes. May release toxic fumes containing carbon oxides (CO_x) and nitrogen oxides (NO_x)

Special Protective Equipment and Precautions for Fire Fighters: In case of fire and in close proximity, wear protective heat resistant clothes, and air respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: For non-emergency personnel:
 -Keep people not involved in the emergency intervention away from the affected area.
 -Alert the internal emergency team

For emergency responders:
 -Wear protective clothes giving total skin protection, latex gloves and safety glasses
 -See protective measures in section 8

Environmental Precautions: If possible store into a clean container either to reuse or disposal. Avoid waterway and discharging contamination; competent authority must be informed in case of accidental contamination of waterway.

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Methods and Materials for Containment and Clean Up Any release should be immediately cleaned up wearing protective clothes (suit, latex gloves and safety glasses).
If possible store into a clean container either to reuse or for disposal. If possible absorb with inert material.
After storage, wash the area with water and suitable materials.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid dust inhalation. Avoid direct contact with skin and eyes. Contaminated clothing should be changed before entering eating areas. Do not drink or eat in work areas. See section 8 for recommended protective equipment.

Conditions for Safe Storage including any Incompatibilities: Keep in original containers tightly closed in a well-ventilated area, far from humidity and heat sources.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards: Not available

Biological Monitoring: Not available

Control Banding: Not available.

Engineering Controls: Operate in well ventilated areas.

Individual Protection Measures e.g. Personal Protective Equipment (PPE):

Eye and Face Protection:
Wear safety glasses according to the standard EN166. Do not use contact lenses.

Skin Protection:
Wear latex gloves according to the standard EN374. Wear total skin protection clothes.

Respiratory Protection:
Use dust mask with P2 filters if conditions warrant. Respect the occupational exposure limits.

Thermal Hazards:
None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Beige microgranules

Odour: Odourless

Vapour Pressure (mm Hg): Not available

Apparent Density: 0.85 kg/dm³

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Boiling Point:	Not available
Freezing/Melting Point:	Not available
Solubility (aqueous solution):	800 g/L at 25°C
Specific Gravity:	Not available
pH:	5.0 (1% at 25°C)
Flash Point:	Not available
Flammability (explosive) Limits:	Not available
Auto-Ignition Temperature:	Not available
Octanol/Water Partition Coefficient:	Not available
Conductivity	0.4 (1% mS/cm 18°C)

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage and handling
Possibility of Hazardous Reactions:	The water solution in contact with copper and aluminium can develop hydrogen
Conditions to Avoid:	Heating of the product at high temperatures.
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	In case of fire may release toxic fumes containing carbon oxides (CO _x) and nitrogen oxides (NO _x)

11. TOXICOLOGICAL INFORMATION

Toxicological Effects:

Acute Toxicity:	The acute oral toxicity test did not show mortality at a limit dose of 2000 mg/kg bw and the 4-h inhalation toxicity study did not show mortality at the limit concentration of 5000 mg/m ³
Skin Corrosion/Irritation:	Not available
Serious Eye Damage/Irritation:	Not available
Respiratory or Skin Sensitisation:	Not available
Germ Cell Mutagenicity:	Not available
Carcinogenicity:	Not available
Reproductive Toxicity:	Not available
Specific Target Organ	Not available

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**Toxicity (STOT) –
Single Exposure:**

Specific Target Organ Not available

**Toxicity (STOT) –
Repeated Exposure:**

Aspiration Hazard: Not available

Possible Routes Of Exposure:

Inhalation: Can be irritant for nose and respiratory system.

Skin: Can be irritant for skin.

Eye: Can be irritant for eyes.

Ingestion: Can be irritant for mouth and digestive tract.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

**Persistence and
Degradability:** No data available

**Bioaccumulative
Potential:** No data available

Mobility in Soil: No data available

13. DISPOSAL CONSIDERATIONS

Product Disposal: Recover if possible. Dispose of or incinerate in accordance with state, federal and local regulations. Avoid waterway contamination.

**Container
Disposal:** Empty containers must be handled according to local regulations.

14. TRANSPORT INFORMATION

Classification: Based on available information, not classified as Dangerous Goods for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition.

UN Number: Not applicable

**Proper Shipping
Name or
Technical Name:** Not applicable

**Transport Hazard
Class:** Not applicable

Packing Group: Not applicable

**Environmental
Hazards for** Not applicable

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Transport Purposes:
Special Precautions for User: Not applicable
HAZCHEM Code: Not applicable

15. REGULATORY INFORMATION

SUSMP:	Exempt from Poison Scheduling
APVMA:	Exempt from registration
State Departments of Agriculture / Primary Industries:	Registration not required
Australian Inventory of Chemical Substances (AICS):	All components listed
Toxic Substance – NZ	Exempt

16. OTHER INFORMATION

Edition:	Initial edition
Revision Due:	April 2021
Reason for Revision:	Initial version
Preparation Information:	Prepared by Campbells Fertilisers Australasia
Data Sources:	Supplier SDS
Trademark Information:	Aqua-Fert is a Registered Trademark of Campbells Fertilisers Australasia

Glossary:

APVMA	Australian Pesticides and Veterinary Medicines Authority
CAS	Chemical Abstract Services number, used to uniquely identify chemical compounds
PPE	Personal protective equipment
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons

This SDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of Campbell's Fertilisers, it is the user's responsibility to determine conditions of safe use of the product.

END OF SDS