

SAFETY DATA SHEET

VALAGRO EDTA MG

Date of Issue: December 2016

1. IDENTIFICATION

Product Identifier: VALAGRO EDTA MG

Other Means of Identification: Magnesium EDTA, Ethylendiamminotetraacetic acid, complex disodic magnesium

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)
Poisons Information Centre 131126

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 (%):
Magnesium EDTA	14402-88-1	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.

SAFETY DATA SHEET

VALAGRO EDTA MG

Date of Issue: December 2016

Ingestion: Rinse mouth, give water to drink, induce vomiting. If the subject is unconscious do not induce vomiting. Seek medical advice.

First Aid Facilities: Ensure washing facilities, including an eyewash and safety shower, are available and maintained. Ensure first aider uses the individual protection equipment (latex gloves and safety glasses).

Symptoms caused by Exposure:

Inhalation: Possible irritation of respiratory tract

Skin: Possible irritation according to the contact time with the product

Eye: Possible irritation according to the contact time with the product

Ingestion: Possible irritation of mouth and digestive tract.

Medical Attention and Special Treatment: In case of accident, seek immediately medical advice showing the safety data sheet

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, it may release toxic fumes (NO_x).

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: For non-emergency personnel:
 -Keep away from the affected area people not involved in the emergency intervention
 -Alert the responsible of the internal emergency
 For emergency responders:
 -Wear protective clothes giving total skin protection, latex gloves and safety glasses.
 -See also section 8

Environmental Precautions: If possible store in a clean container either to reuse or for disposal. Avoid release to waterways and discharging contamination. Competent authorities must be informed in case of accidental waterway contamination.

SAFETY DATA SHEET

VALAGRO EDTA MG

Date of Issue: December 2016

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

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid powder inhalation.
Avoid direct contact with skin and eyes. Refer to section 8.
Remove all protective clothing before access to the areas where you eat.
Always respect hygienic rules, do not drink or eat in the working areas.

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

ACGIH:

Exposure Standards:	Substance Name	TLV-TWA (ppm)	TLV-STEL (ppm)	Note	Critical Effects
	Magnesium EDTA	1	N.D.	N.D.	Irritation

Biological Monitoring: Not available

Control Banding: Not available

Engineering Controls: Operate in well-ventilated areas

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

Respiratory Protection:
Use dust mask with P2 filters in case of dust making. The powder exposition limit must be respected.

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

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

Thermal Hazards:
None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White microgranules

Odour: Odourless

Vapour Pressure: Not available

SAFETY DATA SHEET

VALAGRO EDTA MG

Date of Issue: December 2016

Relative Density:	0.8
Vapour Density:	Not available
Boiling Point:	Not available
Melting/Freezing Point:	Not available
Solubility (in water):	900 g/L at 25°C
pH water solution 1%:	7.6 at 25°C
Flash Point:	Not available
Flammability (explosive) Limits:	>40
Auto-Ignition Temperature:	Not available
Octanol/Water Partition Coefficient:	Not available
Thermal decomposition:	Not available
Conductivity:	0.28 (1% mS/cm 18°C)

10. STABILITY AND REACTIVITY

Reactivity:	Reacts with strong oxidizing agents and aluminium
Chemical Stability:	Product is stable under normal (ambient) temperatures and pressure.
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 (>200°C)
Incompatible Materials:	Strong oxidizing agents and aluminium
Hazardous Decomposition Products:	In case of fire may release toxic fumes (NOx)

11. TOXICOLOGICAL INFORMATION

Toxicological Information of the Mixture:

Acute Toxicity:	No data available
Skin Corrosion/Irritation:	No data available
Serious Eye Damage/Irritation:	No data available
Respiratory or Skin Sensitisation:	No data available
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive	No data available

SAFETY DATA SHEET

VALAGRO EDTA MG

Date of Issue: December 2016

Toxicity:

Specific Target Organ No data available

Toxicity (STOT) - Single Exposure:

Specific Target Organ No data available

Toxicity (STOT) - Repeated Exposure:

Aspiration Hazard: No data available

Likely 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

**Other Adverse
Effects:** No data available

13. DISPOSAL CONSIDERATIONS

Product Disposal: Recover the product, if possible, or send to the incineration and disposal system. Avoid release to waterways and discharging contamination. Dispose in a safe manner in accordance with local/national regulations.

**Container
Disposal:** Dispose in a safe manner in accordance with local/national 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

SAFETY DATA SHEET

VALAGRO EDTA MG

Date of Issue: December 2016

Transport Hazard Class:	Not applicable
Packing Group:	Not applicable
Environmental Hazards for Transport Purposes:	Not applicable
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

16. OTHER INFORMATION

Edition:	Initial edition
Revision Due:	December 2021
Reason for Revision:	Initial version
Preparation Information:	Prepared by Campbells Fertilisers Australasia
Data Sources:	Supplier SDS

Glossary:

ACGIH	American Conference of Government Industrial Hygienists
APVMA	Australian Pesticides and Veterinary Medicines Authority
CAS	Chemical Abstract Services number, used to uniquely identify chemical compounds
PPE	Personal protective equipment
STEL	Short Term Exposure Limit
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TLV	Threshold Limit Value
TWA	Time Weighted Average
GHS	Global Harmonised System of Classification and Labelling of Chemicals

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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