

SAFETY DATA SHEET

Valagro Ferrilene 4,8

Date of Issue: April 2016

1. IDENTIFICATION

Product Identifier:	Valagro Ferrilene 4,8
Other Means of Identification:	Iron EDDHA sodium salt; Ethylendiamine-N-N'-bis (2-hydroxy) phenylacetic acid sodium ferric complex.
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, 7 th Edition
SUSMP Classification:	Exempt from Poison Scheduling

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Component:	CAS Number:	Proportion (%w/w):
Non-hazardous Components	-	100

SAFETY DATA SHEET

Valagro Ferrilene 4,8

Date of Issue: April 2016

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 with plenty of running water and soap. Seek medical advice in case of irritation. Wash clothes before reuse.
Eye Contact:	Rinse immediately with plenty of 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 unconscious, do not induce vomiting. Seek medical advice.
First Aid 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 (CO ₂)
Specific Hazards arising from the Chemical:	In case of fire, avoid breathing fumes which may be toxic (NO _x , SO _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

SAFETY DATA SHEET

Valagro Ferrilene 4,8

Date of Issue: April 2016

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

For non-emergency personnel:

- No action shall be taken involving any personal risk or without suitable training
- Wear protective clothes giving total skin protection, latex gloves and safety glasses
- Keep people not involved in the emergency intervention away from the affected area
- Ensure adequate ventilation, move people to a safe place
- 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
- Avoid dust generation
- Dusts at sufficient concentrations can form explosive mixtures with air
- Avoid any accumulation of electrostatic charge which may create a hazardous condition and cause an ignition
- Product layer on hot surface might cause glowing or auto-ignition
- Ensure adequate ventilation, move people to a safe place

Environmental Precautions:

If possible, collect in clean plastic labeled containers and reuse as fertilizer or dispose. Avoid waterway and discharging contamination; competent authority must be informed in case of waterway accidental contamination.

Methods and Materials for Containment and Cleaning Up:

Any release should be cleaned up immediately wearing protective clothes (suit, latex gloves and safety glasses). If possible, collect in clean plastic labeled containers and reuse as fertilizer or dispose. If possible, absorb with inert material and 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. See section 8 for recommended protective equipment.
 Remove all protective clothing before accessing eating areas. Always respect hygiene rules; do not drink or eat in work areas.

Conditions for Safe Storage, including any Incompatibilities:

Keep in original plastic containers tightly closed in a well-ventilated area away from humidity, moisture, heat sources and direct sunlight.
 Adequately ventilate premises.
 Avoid dust generation.
 Dusts at sufficient concentrations can form explosive mixtures with air.
 Avoid any accumulation of electrostatic charge.

SAFETY DATA SHEET

Valagro Ferrilene 4,8

Date of Issue: April 2016

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:	ACGIH: Iron soluble salts TLV-TWA 1 mg/m ³ , Critical effects: 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):	<p><i>Eye and Face Protection:</i> Wear safety glasses according to the standard EN166. Do not use contact lenses.</p> <p><i>Skin Protection:</i> Wear latex gloves according to the standard EN374. Use clothing that provides total skin protection.</p> <p><i>Respiratory Protection:</i> Use dust mask with P2 filters if conditions warrant. Respect the occupational exposure limits.</p> <p><i>Thermal Hazards:</i> None identified.</p>

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black microgranules
Odour:	Odourless
Vapour Pressure (mm Hg):	Not available
Apparent Density:	0.66 kg/dm ³
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Solubility (aqueous solution):	40 g/L at 25°C
Specific Gravity:	Not available
pH:	7.4 (1% at 25°C)
Flash Point:	Not available
Solid/gas Flammability	Not available
Flammability (explosive) Limits:	Not available
Auto-Ignition Temperature:	Not available
Octanol/Water Partition Coefficient:	Not available
Conductivity	0.5 (1%) mS/cm 18°C

SAFETY DATA SHEET

Valagro Ferrilene 4,8

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10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage and handling
Possibility of Hazardous Reactions:	Contact with strong oxidizing agents induces violent reactions
Conditions to Avoid:	Avoid heating the product at high temperatures. Avoid dust generation and any accumulation of electrostatic charge which may create a hazardous condition and cause ignition. Dusts at sufficient concentrations can form explosive mixtures with air.
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	In case of fire may release toxic fumes (NO _x , SO _x)

11. TOXICOLOGICAL INFORMATION

Toxicological Effects:

Acute Toxicity:	Not available
Skin	Not available
Corrosion/Irritation:	
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 Toxicity (STOT) – single exposure:	Not available
Specific Target Organ Toxicity (STOT) – repeated exposure:	Not available
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 eye

SAFETY DATA SHEET

Valagro Ferrilene 4,8

Date of Issue: April 2016

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 in accordance with state, federal and local regulations.
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 Transport Purposes: Not applicable
Special Precautions for User: Not applicable
HAZCHEM Code: Not applicable



SAFETY DATA SHEET

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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