



# SAFETY DATA SHEET

## Valagro Ferrilene Trium

Date of Issue: April 2016

### 1. IDENTIFICATION

**Product Identifier:** Valagro Ferrilene Trium

**Other Means of Identification:** None

**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](http://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<sup>th</sup> Edition

**SUSMP Classification:** Exempt from Poison Scheduling

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Component:	CAS Number:	Proportion (%w/w):
Non-hazardous Components	-	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 Facilities:** unconscious do not induce vomiting. Seek medical advice. 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<sub>2</sub>)

**Specific Hazards arising from the Chemical:** In case of fire, avoid breathing fumes. May release toxic fumes (CO<sub>x</sub>, NO<sub>x</sub>, SO<sub>x</sub>)

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

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### 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, PVC gloves and safety glasses
- Keep people not involved in the emergency intervention away from the affected area.
- Ensure adequate ventilation
- Alert the internal emergency team

For emergency responders:

- Wear protective clothes giving total skin protection, PVC 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 may cause glowing or auto-ignition
- Ensure adequate ventilation, move people into a safe place

**Environmental Precautions: Methods and Materials for Containment and Cleaning Up:**

Avoid waterway and discharging contamination, competent authority must be informed in case of accidental contamination of waterways.

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 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 powder inhalation.  
Avoid direct contact with skin and eyes. See section 8.  
Remove all protective clothing before access to eating areas.  
Always respect hygiene rules. Do not drink or eat in work areas.

**Conditions for Safe Storage, including any Incompatibilities:**

Keep in original containers tightly closed in a well-ventilated area far from 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.

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### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Exposure Standards:</b>	ACGIH (2003): recommended value inhalable dust: TLV/TWA: 10 mg/m <sup>3</sup> ACGIH (2003): recommended value breathable dust: TLV/TWA: 3 mg/m <sup>3</sup>
<b>Biological Monitoring:</b>	Not available.
<b>Control Banding:</b>	Not available.
<b>Engineering Controls:</b>	Operate in well ventilated areas.
<b>Individual Protection Measures, e.g. Personal Protective Equipment (PPE):</b>	<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 PVC gloves according to the standard EN374 and body-covering clothing.</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> In case of fire and in close proximity, wear protective heat resistant clothes.</p>

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Black microgranules
<b>Odour:</b>	Odourless
<b>Vapour Pressure (mm Hg):</b>	Not available
<b>Bulk Density:</b>	0.7-0.8 kg/dm <sup>3</sup>
<b>Boiling Point:</b>	Not available
<b>Freezing/Melting Point:</b>	Not available
<b>Solubility (aqueous solution):</b>	80 g/L at 20°C
<b>Specific Gravity:</b>	Not available
<b>pH:</b>	7.3 (1% at 20°C)
<b>Flash Point:</b>	Not available
<b>Flammability (explosive) Limits:</b>	Not available
<b>Auto-Ignition Temperature:</b>	Not available
<b>Octanol/Water Partition Coefficient:</b>	Not available

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under normal conditions of storage and handling
<b>Possibility of</b>	Not applicable

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<b>Hazardous Reactions:</b>	
<b>Conditions to Avoid:</b>	Heating of the product at high temperatures. 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.
<b>Incompatible Materials:</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products:</b>	In case of fire may release toxic fumes (CO <sub>x</sub> , NO <sub>x</sub> , SO <sub>x</sub> )

### 11. TOXICOLOGICAL INFORMATION

#### Toxicological Effects:

**Acute Toxicity:** Not available

**Skin** Not available

#### **Corrosion/Irritation:**

**Serious Eye** Not available

#### **Damage/Irritation:**

**Respiratory or Skin** Not available

#### **Sensitisation:**

**Germ Cell** Not available

#### **Mutagenicity:**

**Carcinogenicity:** Not available

**Reproductive** Not available

#### **Toxicity:**

**Specific Target** Not available

#### **Organ Toxicity**

#### **(STOT) – Single**

#### **Exposure:**

**Specific Target** Not available

#### **Organ Toxicity**

#### **(STOT) – Repeated**

#### **Exposure:**

**Aspiration Hazard:** Not available

#### Possible Routes Of 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.

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### 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, 7<sup>th</sup> 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

### 15. REGULATORY INFORMATION

**SUSMP:** Exempt from Poison Scheduling  
**APVMA:** Exempt from registration  
**State Departments of Agriculture / Primary Industries:** Registration not required



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<b>Australian Inventory of Chemical Substances (AICS):</b>	All components listed
<b>Toxic Substance – NZ</b>	Exempt

### 16. OTHER INFORMATION

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

#### Glossary:

<b>APVMA</b>	Australian Pesticides and Veterinary Medicines Authority
<b>CAS</b>	Chemical Abstract Services number, used to uniquely identify chemical compounds
<b>PPE</b>	Personal protective equipment
<b>SUSMP</b>	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