

# SAFETY DATA SHEET

## Valagro EDTA Fe

Date of Issue: April 2016

### 1. IDENTIFICATION

**Product Identifier:** Valagro EDTA Fe

**Other Means of Identification:** Sodium feredetate, Ethylendiamminotetraacetic acid, complex sodic ferric.

**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):
Sodium feredetate	15708-41-5	≥97

### 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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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<sub>2</sub>)

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

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

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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. 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 containers tightly closed in a well-ventilated area far from humidity and heat sources.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Standards:** ACGIH (2003): Iron soluble salts TLV-TWA 1 ppm, 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):**

*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.

*Thermal Hazards:*  
In case of fire and in close proximity, wear protective heat resistant clothes.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Yellow crystals

**Odour:** Odourless

**Vapour Pressure (mm Hg):** Not available

**Relative Density:** 1.1

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<b>Boiling Point:</b>	Not available
<b>Freezing/Melting Point:</b>	Not available
<b>Solubility (aqueous solution):</b>	90 g/L at 25°C
<b>Specific Gravity:</b>	Not available
<b>pH:</b>	4.5 (1% at 25°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
<b>Conductivity</b>	0.172 (1% mS/cm 18°C)

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under normal conditions of storage and handling
<b>Possibility of Hazardous Reactions:</b>	Contact with strong oxidizing agents induces violent reactions
<b>Conditions to Avoid:</b>	Heating of the product at high temperatures.
<b>Incompatible Materials:</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products:</b>	In case of fire may release toxic fumes containing carbon oxides (CO <sub>x</sub> ) and nitrogen oxides (NO <sub>x</sub> )

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	
<b>Oral Ingestion:</b>	LD50 (rat) >2000 mg/kg bw
<b>Dermal:</b>	LD50 (rat) >2000 mg/kg bw
<b>Inhalation:</b>	LC50 (rat, 4 h) >2.75±0.19 mg/L, the maximum attainable concentration
<b>Skin Corrosion/Irritation:</b>	Not available
<b>Serious Eye Damage/Irritation:</b>	Not available
<b>Respiratory or Skin Sensitisation:</b>	Not available
<b>Germ Cell Mutagenicity:</b>	Not available
<b>Carcinogenicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not available

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### Specific Target Organ

Toxicity (STOT) –

Single Exposure:

Specific Target Organ Not available

Toxicity (STOT) –

Repeated Exposure:

Aspiration Hazard: Not available

### Possible Routes Of Exposure:

**Inhalation:** Possible irritation of nose and respiratory tract.

**Skin:** Possible irritation.

**Eye:** Possible irritation.

**Ingestion:** Possible irritation of mouth and digestive tract.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and** No data available

**Degradability:**

**Bioaccumulative** No data available

**Potential:**

**Mobility in Soil:** No data available

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal:** Recover if possible. Incinerate or 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** Not applicable

**Name or**

**Technical Name:**

**Transport Hazard** Not applicable

**Class:**

**Packing Group:** Not applicable

**Environmental** Not applicable

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

### 15. REGULATORY INFORMATION

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