

# SAFETY DATA SHEET

## Valagro Benefit PZ

Date of Issue: April 2016

### 1. IDENTIFICATION

**Product Identifier:** Valagro Benefit PZ

**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:** Remove casualty to fresh air and keep warm and at rest.

**Skin Contact:** Wash with plenty of soap and water.

**Eye Contact:** Rinse immediately with plenty of water and seek medical advice.

**Ingestion:** Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

**First Aid Facilities:** Ensure washing facilities, including an eyewash, are available and maintained.

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**Advice:** Persons providing first aid must use personal protection equipment (latex gloves and safety glasses).

### Symptoms caused by Exposure:

**Inhalation:** Inhalation of the product is unlikely under normal working conditions.

**Skin Contact:** May cause irritation to skin according to the contact time with the product.

**Eye Contact:** May cause irritation to eyes according to the contact time with the product.

**Ingestion:** May cause irritation to the gastrointestinal 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, carbon dioxide (CO<sub>2</sub>)

**Specific Hazards arising from the Chemical:** Do not inhale explosion and combustion gases. Burning produces heavy smoke containing carbon oxides (CO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>).

**Special Protective Equipment and Precautions for Fire Fighters:** Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

## 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, 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, latex gloves and safety glasses
- See protective measures in section 8
- Move people into a safe place

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|   |   |
|---|---|
| <b>Environmental Precautions:</b>                             | Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Dilute with water and retain contaminated wash water and dispose in authorized facilities or pick up in clean plastic labeled containers and reuse as fertilizer. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, soil, sand. Collect the product absorbed for example using a shovel and broom. |
| <b>Methods and Materials for Containment and Cleaning Up:</b> | Wash with plenty of water. Collect the product absorbed for example using a shovel and broom.   |

### 7. HANDLING AND STORAGE

|  |  |
|--|--|
| <b>Precautions for Safe Handling:</b>                                | Avoid contact with skin and eyes, inhalation of vapours and mists. Do not use empty containers before they have been cleaned. Before transferring product, ensure there are no incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not drink or eat in work areas. See section 8 for recommended protective equipment. |
| <b>Conditions for Safe Storage, including any Incompatibilities:</b> | Keep away from food, drink or feed.<br>Incompatible materials: oxidizing and reducing agents.<br>Adequately ventilate premises.  |

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

|   |   |
|---|---|
| <b>Exposure Standards:</b>  | No data available.  |
| <b>Biological Monitoring:</b>   | Not available.  |
| <b>Control Banding:</b>   | Not available.  |
| <b>Engineering Controls:</b>  | Not specified.  |
| <b>Individual Protection Measures e.g. Personal Protective Equipment (PPE):</b> | Please observe the usual precautionary measures for handling of chemicals<br><i>Eye and Face Protection:</i><br>Wear safety glasses according to the standard EN166. Do not use contact lenses.<br><i>Skin Protection:</i><br>Wear PVC or latex gloves according to the standard EN374. Wear protective clothing that provides comprehensive protection.<br><i>Respiratory Protection:</i><br>Not needed for normal use.<br><i>Thermal Hazards:</i><br>Thermal decomposition may produce carbon oxides (CO <sub>x</sub> ), nitrogen |

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oxides (NO<sub>x</sub>).

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                                |
|---|--------------------------------|
| <b>Appearance:</b>                          | Brown liquid                   |
| <b>Odour:</b>                               | Not available                  |
| <b>Vapour Pressure (mm Hg):</b>             | Not available                  |
| <b>Density:</b>                             | 1.2 kg/dm <sup>3</sup> at 20°C |
| <b>Boiling Point:</b>                       | Not available                  |
| <b>Freezing/Melting Point:</b>              | Not available                  |
| <b>Solubility (aqueous solution):</b>       | Soluble                        |
| <b>Specific Gravity:</b>                    | Not available                  |
| <b>pH at 20°C:</b>                          | 7.0                            |
| <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 Hazardous Reactions:</b> | None known.   |
| <b>Conditions to Avoid:</b>                | Avoid high temperatures.  |
| <b>Incompatible Materials:</b>             | Oxidizing and reducing agents.  |
| <b>Hazardous Decomposition Products:</b>   | At high temperatures and in case of fire, carbon oxides (CO <sub>x</sub> ), nitrogen oxides (NO <sub>x</sub> ). |

### 11. TOXICOLOGICAL INFORMATION

|   |               |
|---|---------------|
| <b><u>Toxicological Effects:</u></b>      |               |
| <b>Acute Toxicity:</b>                    | Not available |
| <b>Skin</b>                               | Not available |
| <b>Corrosion/Irritation:</b>              |               |
| <b>Serious Eye Damage/Irritation:</b>     | Not available |
| <b>Respiratory or Skin Sensitisation:</b> | Not available |

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|   |               |
|---|---------------|
| <b>Germ Cell Mutagenicity:</b>                                    | Not available |
| <b>Carcinogenicity:</b>   | Not available |
| <b>Reproductive Toxicity:</b>                                     | Not available |
| <b>Specific Target Organ Toxicity (STOT) – Single Exposure:</b>   | Not available |
| <b>Specific Target Organ Toxicity (STOT) – Repeated Exposure:</b> | Not available |
| <b>Aspiration Hazard:</b>   | Not available |

### Possible Routes Of Exposure:

|                    |  |
|--------------------|--|
| <b>Inhalation:</b> | Inhalation of the product is unlikely under normal working conditions.       |
| <b>Skin:</b>       | May cause irritation to skin according to the contact time with the product. |
| <b>Eye:</b>        | May cause irritation to eyes according to the contact time with the product. |
| <b>Ingestion:</b>  | May cause irritation to the gastrointestinal tract.                          |

## 12. ECOLOGICAL INFORMATION

|                                       |  |
|---------------------------------------|--|
| <b>Ecotoxicity:</b>                   | Adopt good working practices so that the product is not released to the environment. |
| <b>Persistence and Degradability:</b> | The product contains biodegradable organic substances.                               |
| <b>Bioaccumulative Potential:</b>     | No data available.   |
| <b>Mobility in Soil:</b>              | The product is soluble and mobile in both terrestrial and aquatic compartments.      |

## 13. DISPOSAL CONSIDERATIONS

|                            |   |
|----------------------------|---|
| <b>Product Disposal:</b>   | Recover if possible. In doing so, comply with state, federal and local regulations. |
| <b>Container Disposal:</b> | Dispose of according to local regulations.  |

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### 14. TRANSPORT INFORMATION

|  |  |
|--|--|
| <b>Classification:</b>                               | 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. |
| <b>UN Number:</b>                                    | Not applicable   |
| <b>Proper Shipping Name or Technical Name:</b>       | Not applicable   |
| <b>Transport Hazard Class:</b>                       | Not applicable   |
| <b>Packing Group:</b>                                | Not applicable   |
| <b>Environmental Hazards for Transport Purposes:</b> | Not applicable   |
| <b>Special Precautions for User:</b>                 | Not applicable   |
| <b>HAZCHEM Code:</b>                                 | 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

|                                 |   |
|---------------------------------|---|
| <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>   |   |



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### 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