

SAFETY DATA SHEET

Valagro Actiwave

Date of Issue: April 2016

1. IDENTIFICATION

Product Identifier: Valagro Actiwave

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

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, 7th 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 (CO₂)

Specific Hazards arising from the Chemical: Do not inhale explosion and combustion gases. Burning produces heavy smoke containing carbon oxides (CO_x), nitrogen oxides (NO_x).

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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Environmental Precautions:	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.
Methods and Materials for Containment and Cleaning Up:	Wash with plenty of water. Collect the product absorbed for example using a shovel and broom.

7. HANDLING AND STORAGE

Precautions for Safe Handling:	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.
Conditions for Safe Storage, including any Incompatibilities:	Keep away from food, drink or feed. Incompatible materials: bases, oxidizing and reducing agents. Adequately ventilate premises.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

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oxides (NO_x).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black liquid
Odour:	Not available
Vapour Pressure (mm Hg):	Not available
Density:	1.29 kg/dm ³
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Solubility (aqueous solution):	Soluble
Specific Gravity:	Not available
pH:	6.6
Flash Point:	Not available
Flammability (explosive) Limits:	Not available
Auto-Ignition Temperature:	Not available
Octanol/Water Partition Coefficient:	Not available

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage and handling
Possibility of Hazardous Reactions:	The product can release gaseous ammonia if in contact with alkaline substances.
Conditions to Avoid:	Avoid high temperatures.
Incompatible Materials:	Bases, oxidizing and reducing agents.
Hazardous Decomposition Products:	At high temperatures and in case of fire, carbon oxides (CO _x), nitrogen oxides (NO _x).

11. TOXICOLOGICAL INFORMATION

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

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

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

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

Ingestion: May cause irritation to the gastrointestinal tract.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Adopt good working practices so that the product is not released to the environment.

Persistence and Degradability: The product contains biodegradable organic substances.

Bioaccumulative Potential: No data available.

Mobility in Soil: The product is soluble and mobile in both terrestrial and aquatic compartments.

13. DISPOSAL CONSIDERATIONS

Product Disposal: Recover if possible. In doing so, comply with state, federal and local regulations.

Container Disposal: Dispose of according to local regulations.

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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 th 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
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:	
Glossary:	



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- 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