

Wonder Orchid Bloom

Safety Data Sheet

According to (EC) 1907/2006 (REACH) amendment Reg. (EU) 2020/878



Country: RSA, NAM, BOT, ZAM, MOZ
Language: English
Version: 1

SDS Number: 100029
Issue Date: 2026-02-01
Print Date: 2026-02-12

Agro-Serve encourages you and expects you to read and understand the entire SDS as there is important information throughout the document. This SDS provides users with information relating to the protection of human health and safety at the workplace, protection of the environment and supports emergency response. Product users and applicators should primarily refer to the product label attached to or accompanying the product container.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier				
Product form		Mixtures		
Trade name		Wonder Orchid Bloom		
Registration No.		K11377		
SDS Number		100029		
1.2. Relevant identified uses of the substance or mixture and uses advised against				
1.2.1. Relevant identified uses				
Main use category		Liquid Fertiliser		
Industrial/Professional use spec		Home and Garden		
Use of the substance/mixture		Liquid Fertiliser – Orchids		
1.2.2. Uses advised against				
1.3. Details of the supplier of the safety data sheet				
		Agro-Serve (Pty) Ltd 15 Diesel Road, Isando, 1600, South Africa PO Box 1189, Isando, 1600, South Africa		
Telephone		+27 861 333 586 08h00 – 17h00 Monday to Friday		
Email		info@wonder.co.za		
Website		www.wonder.co.za		
1.4. Emergency telephone number				
Country	Organisation/Company	Address	Emergency number	Comment
Poisons Centre				
South Africa	Griffon Poisons Centre		082 446 8946	Dr Gerhard H Verdoorn
South Africa	Poisons Information Helpline		0861 555 777	
Spillage				
South Africa	Spill Tech		086 100 0366	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures	
	To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.
See Section 16 for the full text of the H statements declared above.	
See Section 11 for more detailed information on health effects and symptoms.	
2.2. Label elements	
Labelling according to Regulation (EC) No. 1272/2008 [CLP]	
Hazard pictograms	N/A
Hazardous components which must be listed on the label	NONE
CLP Signal word	NOT CLASSIFIABLE IN TERMS OF GHS.
Precautionary statements	
General Statements	P101: If medical advice is needed: Have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use.
Prevention Statements	
Response Statements	N/A
Storage Statements	N/A
Disposal	N/A
2.3. Other hazards	Not applicable.
Refer to section 11 for toxicological and section 12 for environmental information	

SECTION 3: Composition/information on ingredients

3.1. Substances					
Liquid All Purpose Fertiliser. NPK5-1-3 (15)					
3.2. Mixtures				Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Chemical Name	CAS-No.	EC – Number	Conc. % by weight	Classification	Warning Symbols
This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II					
Further information					
For the full text of the Hazard statements mentioned in this Section, see Section 16.					

SECTION 4: First aid measures

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4.1. Description of first aid measures	
General Advice	Have the product container, label or Safety Data Sheet with you when calling a poison control centre or physician or going for treatment.
First-aid measures after inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
First-aid measures after skin contact	Wash skin with plenty of water.
First-aid measures after eye contact	Rinse eyes with water as a precaution.
First-aid measures after ingestion	Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and effects, both acute and delayed	
	No additional information available.
4.3. Indication of any immediate medical attention and special treatment needed	
	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media	
5.1.1. Suitable	Use an extinguishing agent suitable for the surrounding fire.
5.1.2. Unsuitable	None known.
5.2. Special hazards arising from the substance	Toxic fumes may be released.
5.3. Advice for firefighters	Wear full protective clothing and self-contained breathing apparatus.
5.3. Further information	Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.
5.4. Flash point	Does not flash.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	
6.1.1. For non-emergency personnel Emergency procedures	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
6.1.2. For emergency responders Protective equipment	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2. Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3. Material for containment and cleaning up For containment	Mechanically recover the product. Dispose of via a licensed waste disposal contractor.
6.4. Reference to other sections	See Section 1 for emergency contact information. See Section 7 for information regarding safe handling. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	
Precautions for safe handling	Put on appropriate personal protective equipment (see Section 8).
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the Product.
7.2. Conditions for safe storage, including any incompatibilities	
Storage conditions	Store in a well-ventilated place. Keep cool.
Storage temperature	Not available
7.3. Specific end use(s)	For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters	
RECOMMENDATIONS IN THIS SECTION ARE FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD SEE THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.	
Recommended monitoring procedures	No additional information available.
DNEL/DMEL Summary	No additional information available.
PNEC Summary	No additional information available.
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

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8.2.2. Individual protection measures, such as personal protective equipment	
8.2.2.1 Protective Measures	A risk assessment based on the task being performed and the risks involved should be carried out to determine personal protection equipment required. When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards.
8.2.2.2. Hand protection	Wash hands, forearms and face thoroughly after handling products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
8.2.2.3. Eye protection	Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust.
8.2.2.4. Skin and body protection	Protective work clothing.
8.2.2.5. Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
8.2.2.6. Thermal hazards	No additional information available.
8.2.3. Environmental exposure controls	Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	
Physical state	Liquid.
Colour	Green.
Odour	None.
Odour threshold	Slight odour.
Melting point / Freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	Non flammable
Lower and upper explosion limit	No data available
Flash point	Not applicable
Auto ignition temperature	Not applicable
Decomposition temperature	No data available
pH	4.6
Kinematic viscosity	24 cps
Solubility	Totally water soluble.
Partition coefficient octanol / water (log value)	No data available
Vapour pressure	No data available
Density Solubility	1,03 g/ml
Relative density	No data available
Particle characteristics	No data available
9.2. Other information	No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid	None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
10.6. Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition should not be produced.

SECTION 11: Toxicological

11.1. Information on toxicological effects	
The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.	
Acute Toxicity	Not expected to be toxic, however if large quantities are ingested, seek medical advice.
Skin corrosion/Irritation	The mixture is not classified as skin irritant based on formulation components.
Respiratory or Skin Sensitization	The mixture is not classified as a sensitizer based on formulation components.
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)	The mixture is not classified as mutagenic, carcinogen, reproductive toxic or aspiration hazard based on formulation components.
Further information	To the best of our knowledge physical, chemical and toxicological properties have not been fully investigated.

SECTION 12: Ecological information

12.1. Toxicity	
The mixture has not been tested.	
The product contains natural plant growth hormones. It is not expected to be toxic to birds, fish or wildlife. The product is biodegradable.	

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12.2. Persistence and degradability	No additional information available.
12.3. Bioaccumulative potential	No additional information available.
12.4. Mobility in soil	No additional information available.
12.5. Results of PBT and vPvB assessment	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.
	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.
12.6. Endocrine disrupting properties	No additional information available.
12.7. Other adverse effects	No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Product	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Contaminated Packaging	Empty remaining contents. Completely empty containers can be put in the bin or disposed of in compliance with applicable local regulations

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / AND / RID				
ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Transport document description				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Registration No.	K11377
15.2. Chemical safety assessment	No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; ECHA - European Chemicals Agency; EC-Number - European Community number; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative
This safety data sheet provides health and safety information. This product is to be used in applications with best use practice. The product information in this data sheet is to the best of our knowledge correct as at the date of publication. Agro-Serve (Pty) Ltd does not accept responsibility for damage caused by incorrect use of this information.
Training and related advice: This document contains important information to ensure the safe storage, handling and use of this product. It is the responsibility of your organisation to ensure that the information contained in this document is communicated to the end user and that all necessary training to enable the product to be used correctly has been given.
This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions.
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End of Safety Data Sheet