

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

SDS Number: 100003
 Issue Date: 2022-09-01
 Print Date: 2022-09-07

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

1.1. Product identifier				
Product form	Mixtures			
Trade name	Wonder Organics Super Bloom			
Product code	35096 1kg (6001379102993)			
Registration Number	M137; N-F1965			
SDS Number	100003			
1.2. Relevant identified uses of the substance or mixture and uses advised against				
1.2.1. Relevant identified uses				
Main use category	Fertiliser			
Industrial/Professional use spec	Home and Garden			
Use of the substance/mixture	Garden Fertiliser			
1.2.2. Uses advised against				
See product label for restrictions.				
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
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				
	Not classified			
	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				
CLP Signal word	N/A			
Hazard statements				
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				

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SECTION 3: Composition/information on ingredients

3.1. Substances					
Garden Fertiliser for Roses and Flowers NPK 9-1-6 (16)					
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

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 or mixture	
Toxic fumes may be released.	
5.3. Advice for firefighters	Special protective equipment for fire-fighters
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. Methods and 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.	

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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	
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.
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	Solid – Granules.
Colour	PINK - Red
Odour	Practically odourless
Odour threshold	No data available
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	No data available
Kinematic viscosity	Not applicable
Solubility	Soluble in water
Partition coefficient octanol / water (log value)	No data available
Vapour pressure	No data available
Density Solubility	No data available
Relative density	Not applicable
Particle characteristics	No data available
9.2. Other information	
	No additional information available.

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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 normal 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 products should not be produced.

SECTION 11: Toxicological information	
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.
Other 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.
	Not classified as hazardous. Provides soil mycorrhizae to enhance plant growth.
Persistence and Degradability	No additional information available.
Bioaccumulative Potential	No additional information available.
Mobility in Soil	No additional information available.
PBT and vPvB assessment	No additional information available.
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

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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. M137; N-F1965

Roses and Flower Fertiliser.

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE	Acute toxicity estimate.
CAS-Nr.	CAS-Nr. Chemical Abstracts Service number.
CEILING	Ceiling Limit Value.
Conc.	Concentration.
EC-No.	European community number.
ECx	Effective concentration to x %.
IATA	International Air Transport Association.
IBC	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code).
ICx	Inhibition concentration to x %.
IMDG	International Maritime Dangerous Goods.
MARPOL	MARPOL: International Convention for the prevention of marine pollution from ships.
N.O.S.	Not otherwise specified.
NOEC/NOEL	No observed effect concentration/level.
OECD	Organization for Economic Co-operation and Development.
OES	Occupational Exposure Standard.
PEAK	PEAK: Exposure Standard - Peak means a maximum or peak airborne concentration of a particular substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
UN	United Nations.
WHO	World health organisation.

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