Product Name: POTATO PLUS with GROW SAFE® Coating (GS)

A proprietary blend of naturally occurring ingredients which have been blended into natural mineral granular compounds using natural binders in a heat-setting process; then combined with nitrogenous and phosphatic compounds. This product contains 60+ trace elements in the form of prill for enriching the fertility of soil/potting mixture plus the Grow Safe® Microbial Coating.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	AUSTRALIAN MINERAL FERTILISERS PTY LTD (AMF)
ABN	82 137 379 438
Address	Lot 4, Albany Highway, Tenterden WA 6322
Telephone	(08) 9851 7222
Fax	(08) 9851 7293
Email	administration@growsafe.com.au
Web site	www.growsafe.com.au
Synomym(s)	PRODUCT CODE – PPGS02
Use(s)	FERTILISER
SDS date	25th October 2023

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA.

Risk Phrases None allocated

Safety Phrases None allocated

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN Number	None allocated	**Transport Hazard Class**	None allocated
Packing Group	None allocated	**Hazchem Code**	None allocated

3. COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	Identification	Classification	Content % by weight
AMF Compound Prill – Non Hazardous Ingredients	Various		48-52%
BORON	CAS 7440-42-8 EC 231-151-2		<3%
S.O.P.	CAS 7778-80-5 EC 834/2007		14-18%
MAP	CAS 7722-76-1 EC 231-764-5		28-32%
KIESERITE	CAS 14567-64-7		3-4%
GS – Prem Ag Microbes naturally occurring beneficial soil microorganisms (probiotics)	N/A	Bacteria & Fungi	<1%

4. FIRST AID MEASURES

Eye	If in eyes, hold eyelids apart and flush continuously with running water. If symptomatic contact the Poison Information Centre or a doctor.
Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Skin	If skin or hair contact occurs, flush skin with running water. If symptomatic contact Poisons Information Centre, a doctor.
Ingestion	If symptomatic for advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
Advice to doctor	Treat symptomatically.
First aid facilities	Eye wash facilities recommended.

5. FIRE FIGHTING MEASURES

Flammability Non flammable

Fire and explosion No fire or explosion hazard exists

Extinguishing Use an extinguishing agent suitable for the surrounding fire

Hazchem code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Wear Personal Protective Equipment (PPE) as detailed in Section 8

Environmental precautions

Methods of cleaning up

References

7. STORAGE AND HANDLING

Storage Store in a cool, dry ventilated area

Handling

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards No exposure standard(s) allocated.

Biological limits No biological limit allocated

Engineering controls Avoid inhalation. Use in well ventilated areas

PPE

Eye/Face	Not required under normal conditions of use
Hands	Not required under normal conditions of use
Body	Not required under normal conditions of use
Respiratory	To avoid dust irritation use of dust suppression mask advised.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	GREYISH/BROWN/WHITE PRILLED GRANULES
Odour	SLIGHT ODOUR
Flammability	NOT APPLICABLE (NOT FLAMMABLE)
Flash point	NOT RELEVANT
Boiling point	NOT APPLICABLE, DECOMPOSES
Melting point	NOT APPLICABLE, DECOMPOSES
Evaporation rate	
pH	
Vapour density	NOT AVAILABLE
Specific gravity	1.600 – 1.750
Solubility (water)	20 – 30% BY WEIGHT
Vapour pressure	NOT AVAILABLE
Upper explosion limit	NOT RELEVANT

Lower explosion limit	NOT RELEVANT
Partition coefficient	NOT AVAILABLE
Autoignition temperature	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Explosive properties	NOT AVAILABLE
Oxidising properties	NOT AVAILABLE
% Volatiles	NOT AVAILALBE

10. STABILITY AND REACTIVITY

Chemical stability Stable under recommended conditions of storage

Conditions to avoid

Materials to avoid

Hazardous Decomposition Products

Hazardous Reactions

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary May be harmful – irritant.

Eye Dust may irritate eyes (R36)

Inhalation Avoid inhalation. Use in well ventilated areas. Inhalation of dust may cause slight respiratory irritation (GHS H335)

Skin Prolonged or repeated skin contact may cause drying, cracking or slight irritation (AUH066)

Ingestion

Toxicity data

12. ECOLOGICAL INFORMATION

Toxicity

Persistence & degradability

Bioaccumulative potential

Mobility in soil

Other adverse effects

13. DISPOSAL CONSIDERATIONS

Waste disposal Product decomposes (bio-mineral), if required dispose of in accordance with all local, state and federal environmental regulations.

Legislation NOT AVAILABLE

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG/IMO)	AIR TRANSPORT (IATA/ICAO)
UN Number	None Allocated	None Allocated	None Allocated
Proper Shipping Name	None Allocated	None Allocated	None Allocated
Transport Hazard Class	None Allocated	None Allocated	None Allocated
Packing Group	None Allocated	None Allocated	None Allocated

Environmental hazards No information provided

Special precautions for user

Hazchem code None Allocated

15. REGULATORY INFORMATION

Poison schedule A poison schedule number has not been to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Inventory Listing(s) AUSTRALIA: AICS (Australian Inventory of Chemical Substances)
All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Additional Information

EXPOSURE STANDARDS – TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour
Work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increases the exposure period and shorten the period of recuperation).

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations

CAS	Chemical Abstract Service number – used to uniquely identify chemical compounds
EC	EC No – European Community Number
ppm	Parts per Million
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL	Short-Term Exposure Limit
STOR-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
TWA	Time Weighted Average

Revision History

Revision	Description
2.1	Standard SDS Review
2.0	Standard SDS Review
1.0	Initial SDS Creation

Report status

This document has been compiled by AMF and serves as AMF's Safety Data Sheet ('SDS").

It is based on all relevant information concerning the product provided by AMF, importer(s) or supplier(s) or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from AMF.

Revision: 2.1
SDS Date: 25th October 2023
End of SDS