Section 1 - Identification of the Material and Supplier

Chemical nature: Blend of fertiliser ingredients.
Trade Name: **KikStart Lawn & Garden Fertiliser**
Product Use: Fertiliser for general use in the home garden on lawns and garden beds
Supplier: **Amgrow Pty Ltd**
3/29 Birnie Ave, Lidcombe NSW 2141
Phone: 02 9395 1200 (office hours) Fax: 02 4729 3037
www.amgrow.com.au

This version issued: October 2021 and is valid for 5 years from this date.
Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SWA.

NOT A DANGEROUS GOOD ACCORDING TO AUSTRALIAN DANGEROUS GOODS (ADG) CODE, IATA OR IMDG/IMSBC CRITERIA.

SUSMP Classification: None allocated.
UN Number: None allocated

GHS Signal word: NONE. Not hazardous.

PREVENTION

P102: Keep out of reach of children.
P262: Do not get in eyes, on skin, or on clothing.
P281: Use personal protective equipment as required.

RESPONSE

P353: Rinse skin or shower with water.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview

Physical Description & Colour: Light brown granular solid
Odour: Mild odour
Major Health Hazards: no significant risk factors have been found for this product.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc.%	TWA (mg/m^3)	STEL (mg/m^3)
Sulfate of Ammonia	7783-20-2		not set	not set
Calcium Phosphate Mono basic	7758-23-8	100	not set	not set
Calcium Phosphate	7757-93-9		not set	not set
Plus Trace elements Cu, Zn, Mn, Mg, Fe				

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.
The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:
You should call The Poisons Information Centre if you feel that you may have been poisoned, or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.
Inhalation: First aid is not generally required. However if vapours or mists have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists for more that 30 minutes, seek medical advice. If in doubt, contact a Poisons Information Centre or a doctor.
Skin Contact: If product gets on skin, thoroughly wash contacted areas. No further measures should normally be required unless irritation is noticed. If irritation persists, seek medical advice.
Eye Contact: If product comes into contact with eyes**,** flush with lukewarm, gently flowing water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion: Rinse mouth with water and give some water to drink. Seek medical assistance.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.
Thermal decomposition: may emit toxic fumes of Carbon dioxide and oxides of Phosphorus
Extinguishing Media: Not Combustible. Use extinguishing media suited to burning materials.
Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.
Flash point: Does not burn.
Upper Flammability Limit: Does not burn.
Lower Flammability Limit: Does not burn.
Auto ignition temperature: Not applicable - does not burn.
Flammability Class: Does not burn.

Section 6 - Accidental Release Measures

Accidental release: Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. Wear protective clothing including impervious gloves and safety goggles. All skin should be covered. Thoroughly launder protective clothing before storage or re-use. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. If a significant quantity of material enters drains, advise emergency services. Refer to product label for specific instructions. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. This product may be suitable for disposal in land fill.

Section 7 - Handling and Storage

Handling: When dusts are generated, check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.
Storage: Keep away from extreme heat and open flames in a well ventilated space**.** Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:
Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	**TWA (mg/m^3)**	**STEL (mg/m^3)**

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

Personal Protection

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that dusts are minimised.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: Impermeable protective gloves should be worn when using this product to prevent irritation.

Protective Material Types: We suggest that protective clothing be made from the following materials: cotton, rubber, PVC.

Respirator: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable Dust Mask. Otherwise, not normally necessary.

Safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Light brown granular solid
Odour:	Low odour.
Boiling Point:	N/A
Freezing/Melting Point:	N/A
Volatiles:	N/A
Vapour Pressure:	N/A
Vapour Density:	N/A
Bulk Density:	1.0
Water Solubility:	Insoluble.
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	N/A
Coeff Oil/water distribution:	N/A
Auto ignition temp:	Not applicable - does not burn.

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions.
Conditions to Avoid: Avoid contact with foodstuffs, avoid exposure to extreme heat or flame.
Incompatibilities: No particular Incompatibilities.
Fire Decomposition: May emit toxic fumes of Carbon dioxide and oxides of phosphorus
Polymerisation: This product is unlikely to spontaneously polymerise.

Section 11 - Toxicological Information

Local Effects:
Target Organs: There is no data to hand indicating any particular target organs.

Potential Health Effects

Inhalation: Available data indicates that this product is not harmful. Dust may be slightly irritating, although unlikely to cause anything more than mild transient discomfort. In rare cases may cause allergies.

Skin Contact: This product may irritate skin; however it is unlikely to cause more than minor discomfort such as itchiness or slight skin reddening

Eye Contact: Slightly Irritative by mechanical abrasion if exposed to dust

Ingestion: May be irritating to the throat or to gastro-intestinal tract if dust generated.
in nausea, vomiting and gastrointestinal irritation.

Toxicity Data: No LD50 data available for this product.
Carcinogen Status:
SWA: No significant ingredient is classified as carcinogenic by SWA.
NTP: No significant ingredient is classified as carcinogenic by NTP.
IARC: No significant ingredient is classified as carcinogenic by IARC.

Classification of Hazardous Ingredients

Ingredient	Risk Phrases

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Section 12 - Ecological Information

Ecotoxicity: Low toxicity to birds, fish, bees and earthworms.
DO NOT contaminate streams, rivers or waterways

Section 13 - Disposal Considerations

Disposal: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service. This product can usually be used for its intended purpose unless contaminated by substances that make it unsuited. May be suitable for landfill

Section 14 - Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail	**IMDG**	International Maritime Dangerous Good
AICS	Australian Inventory of Chemical Substances	**IMSBC**	International Maritime Solid Bulk Code
CAS number	Chemical Abstracts Service Registry Number	**NTP**	National Toxicology Program (USA)
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters	**SUSMP**	Standard for the Uniform Scheduling of Medicines & Poisons
IARC	International Agency for Research on Cancer	**SWA**	Safe Work Australia (formerly ASCC and NOHSC)
IATA	International Air Transport Authority	**UN Number**	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.
This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardou Chemicals - Code of Practice” (December 2011)
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SAFETY DATA SHEET

Issued by: Amgrow Pty Ltd Phone: 02 9395 1200 (office hours)

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)