



SAFETY DATA SHEET

BASE® 15-11-11+1.5 MgO

Date of Issue : 4th Jan 2022

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name	:	Polymer coated fertilizer
Product Identifier/Trade Name	:	BASE® 15-11-11+1.5 MgO
Use of the Substance/Mixture	:	Agriculture Use
Company Identification	:	G-PLANTER SDN. BHD. (200401005370) No. 11 A, Jalan Mahsuri, Kawasan Perindustrian Kluang 1, 86000, Kluang, Johor.
Office Phone	:	+ 6 07-7878488
Fax No.	:	+ 6 07-7878480

SECTION 2 – HAZARD IDENTIFICATION

Inhalation	:	This product is not hazardous. Dust from this product, however, may cause respiratory irritation.
Skin contact	:	Not expected to present a significant skin hazard under anticipated conditions of normal use.
Eye contact	:	Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
Ingestion	:	Ingestion unlikely. No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion.

SECTION 3 – COMPOSITION INFORMATION

This product may contain the following components:

Substance Name	Contents	No. CAS	No. EC	Classification
Single super phosphate	5-40%	8011-76-5	232-379-5	Xi; R41
Ammonium nitrate	15-40%	6484-52-2	229-347-8	-
Potassium sulphate	10-50%	7778-80-5	231-915-5	-
Ammonium sulphate	5-40%	7783-20-2	231-984-1	-
Diammonium phosphate	5-15%	7783-28-0	231-987-8	-
Magnesium sulphate	0-10%	14168-73-1	231-298-2	-

SECTION 4 – FIRST AID MEASURES

Inhalation	:	Avoid breathing dust. If inhaled, remove to fresh air.
Skin contact	:	Avoid prolonged or repeated contact with skin. After handling, always wash hands thoroughly with soap and water. Get medical attention if irritation develops.
Eye contact	:	In case of contact with eyes, rinse immediately with water. Get medical attention if irritation develops.
Ingestion	:	If large quantities of this material are swallowed, call a medical officer immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Protection for first aider	:	Low hazard for usual industrial or commercial handling.



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Put on personal protection equipment if necessary. See Section 8 for personal protection.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable class	:	Not applicable. This product is not flammable.
Extinguishing media	:	Use water in flooding quantities. Do no release runoff from fire to sewers or waterways.
Unsuitable extinguishing media	:	Sand, CO ₂ and foam
Special exposure hazards	:	Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear
Hazardous thermal decomposition products	:	These products can be carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ etc.) and ammonia (NH ₃)

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions	:	Use suitable respiratory and eye protection equipment (see Section 8). Follow all fire-fighting procedures (see Section 5).
Environmental precautions	:	Minimize runoff from entering sewers of waterways.
Clean-up methods	:	Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Keep out of waterways. See section 13 for waste disposal information.

SECTION 7 – HANDLING AND STORAGE

General advice	:	Handling in accordance with good industrial hygiene and safety procedures. Minimize generation of dust.
Personal protection	:	Avoid all unnecessary exposure. ensure prompt removal from eyes, skin and clothing.
Technical protective measures	:	Both local exhaust and general room ventilation are usually required handling.
Handling	:	Avoid creating dust when handling and avoid all possible sources of ignition (spark or flame). Avoid contamination by any source including metals, dust and organic materials. Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.



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Storage : Keep only in the original container in a cool, well-ventilated place. Store away from heat/moisture. Avoid contact with combustible materials, reducing agents, alkalis, finely divided metals, strong acids, oxidizing agents. On farm, keep away from hay, grain, diesel etc.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory protection : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator

Hand protection : Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection : Use dust goggles if high dust concentration is generated

Skin protection : Protective clothing for the body should be selected based on the tasks being performed and the risks involved.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid, granules

Appearance : Brown granules

Boiling point : Not applicable

Melting point : Not applicable

Vapour pressure : Not applicable

Flashpoint : Not applicable

Specific gravity (water = 1) : Varies according to composition and moisture content

Odour : Odourless

pH : 4.0 – 7.0

Density : 0.95 – 1.15 g/cm³

Solubility in water : Partly soluble in cold water

SECTION 10 – STABILITY AND REACTIVITY

Stability : Stable under recommended storage and handling conditions (see Section 7)

Materials to avoid : Strong acids, oxidizing agents, reducing agents, alkalis, finely divided metals, organic materials.

Hazardous thermal decomposition products : These products can be carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂ etc.) and ammonia (NH₃)

SECTION 11 – TOXICOLOGY INFORMATION

Potential acute health effects : Adverse health effects are considered unlikely, when the product is used according to recommendation.

Rat oral LD50 (mg/kg) : No data available



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Over-exposure signs/symptoms : Contains materials which cause damage to the following
Target organs : organs: skin, eyes, lens or cornea.

SECTION 12 – ECOLOGICAL INFORMATION

Other adverse effects : If released into sewers or waterways in excess quantities,
the product can cause eutrophication
LC50 Fish (mg/L) : No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Methods of disposal : Empty containers or liners may retain some product
residues. Do not empty into drains; dispose of this material
and its container in a safe way. Dispose in accordance with
all applicable local and national regulations.
Hazardous waste : This product is not regarded as hazardous waste to the
present knowledge of the supplier.

SECTION 14 – TRANSPORT INFORMATION

Not listed.

SECTION 15 – REGULATORY INFORMATION

UN Number : None applicable
Dangerous Goods Class : None applicable
Secondary Risk : None applicable
Hazchem Code : None applicable
Pack Group : None applicable
EPG : None applicable
Poisons Schedule : None applicable

SECTION 16 – OTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

-End of SDS-