POLESTAR

نجم القطب

Polestar Worldwide General Trading LLC

Mono Ammonium Phosphate (MAP)-12:61:0

MAP NP 12-61-0 is a crystalline fertilizer that is fully water-soluble. It provides an efficient source of phosphorus and nitrogen for plants, making it especially recommended for use at the beginning of the growing season when phosphorus availability is critical for establishing the root system. MAP NP 12-61-0 can be blended with other fertilizers to meet the nutritional needs of crops throughout their growth cycle. It is also suitable for preparing fertilizer blends and for producing liquid fertilizers. However, it should not be mixed with any fertilizers containing calcium or magnesium.

Parameters	Unit	Typical	Specification	
			Min.	Max.
Appearance		White crystals	--	--
Total Phosphorus (as P_2O_5)	%	61%	60.5	62
Water Soluble Phosphorus (as P_2O_5)	%	61%	60.5	62
Total Nitrogen (N-NH_4)	%	12%	11.8	13
Moisture (1hr. 105°c)	%	0.1%	-	-
pH (1% solution)		4.4	4.2	4.7
Bulk density	g/ml	1	0.8	1.2
Granule-metric composition/ Granule composition				
0.5 to 1 mm		85%		

Advantages

1. Fully water-soluble, made of 100% plant nutrients.
2. Highly concentrated in phosphorus (61% P2O5 / 27% P).
3. Free from chloride and sodium, with a moderately low pH for better phosphorus absorption.
4. Suitable for foliar application, drip irrigation, and fertilizer blends.
5. Ideal for early crop growth, supporting root development and vigorous vegetative growth.
6. Low salt content prevents drip system clogging

Packing

50 kg bags, 1,000 kg jumbo bags, break bulk, or as requested.

+971 04 513 5655
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www.polestarworldwide.ae
P O Box Number : 13866
export@polestarworldwide.ae
inquiry@polestarworldwide.ae

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Storage

1) Prevent moisture absorption, keep away from heat,
2) Store in a well-ventilated area, away from contact with acids and alkaline substances.
3) Protect from dust and ensure bags are sealed and in good condition.

Comments

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet (SDS) provides essential information about the environmental, health, and safety precautions needed for its handling and storage. You can obtain the most up-to-date version of the SDS by contacting a representative from Polestar Worldwide General Trading LLC.

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