

MAP

DESCRIPTION

With nutrients include P₂O₅ (52%) and ammoniacal nitrogen (11%); MAP is often used to add the required proportion of phosphate and nitrogen needed for farming clover, wheat and barley, especially in sandy soil

TYPICAL APPLICATIONS

MAP is a high analysis source of phosphorus and low level of nitrogen, which makes it useful as a 'starter' fertilizer. It is recommended for most of crops and vegetables.

TYPICAL PROPERTY VALUES

Revision 20210615

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
PROPERTIES			
Nitrogen			
Total Nitrogen	11	Wt. %	AOAC 2.4.05. (978-02)
In the form of Urea	0.5	%	-
Total P₂O₅	52	%	
Moisture	1.5	%	
Arsenic	Max 20 ppm	%	

HAZARDS AND SAFETY

Relatively safe.

Use extinguishing media needed to control surrounding area.

Primary Routes of Exposure : Eye contact, skin, inhalation & ingestion

Acute Effects : Irritation at contact area

MAP is considered biodegradable and is taken up as a nutrient by vegetation. Large spills can harm or kill vegetation. May release ammonium ions in water system that are toxic to fish. May release phosphates which will result in algae growth, increased turbidity and depleted oxygen in water systems.

STORAGE AND HANDLING

Store in a cool dry well ventilated area and keep away from heat and flame.

Protect the product from the weather effects, especially direct sunlight and rain.

Store in clean environment, free of dust / dirt.

Protect the fertilizer from moisture, which can cause lumps and dust, influencing spreading capabilities.

Equipped with pallet racking to avoid the need for double stacking.

PACKAGING

Exported in bulk, and sold in bags of 1000 kg and 50 kg domestically.

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