

Magnesium Phosphate Dibasic

General Characteristics:

Formula:	MgHPO ₄ • 3H ₂ O
Molecular weight:	174.33
Appearance:	White powder or white crystalline
Odor:	Odorless
CAS Number:	7782-75-4
EINECS No.:	231-823-5

Nutritional Values

<u>Nutrient</u>	<u>Nutrient Quantity</u>
Grams water	N/AN
Calories	N/A
Grams protein	N/A
Grams ash	32.0/100gr
Grams salt	N/A
Grams total fat	N/A
Grams available carbohydrate	N/A
Grams total dietary fiber	N/A
Milligrams calcium	N/AN
Milligram phosphorus	17,800/100gr
Milligrams iron	N/AN
Milliongrams sodium	N/AN
Milliongrams potassium	N/AN.
Milliongrams magnesium	13,800/100gr
International unit vitamin A	N/A
Milligram vitamin B1,(thiamine)	N/A
Milligrams vitamin B2,(riboflavin)	N/A
Milligrams niacin	N/A
Milligrams vitamin C	N/A
Trans fatty acids	N/A
N/AN=NOT ANALYZED	N/A=NOT APPLICABLE

Uses:

- Nutritional supplement
- PH regulator agent
- Anti -caking agent
- Stabilizing agent
- Acidity regulator in food

Packing and Storage:

- 15kg/20kg net paper bag and PE bags sealed inside.
- Store in a well-closed bag at room temperature, protect from light, moisture and pest infestation.
- Shelf life--- three years

Microbiological Specification:

Total viable count	1000CFU/gr.max
Yeast&Molds	25CFU/gr.max
E.Coli	Absent in 10 gr.

GMO-Status:

The product is a non GMO product and is free from any recombinant DNA

Irradiation/Radioactivity:

Yunbo's Magnesium phosphate dibasic was never subjected to any kind of ionized irradiation and contains no radioactivity not even in minor amounts.

BSE/TSE:

No raw materials from bovine origin are used nor are any bovine constituents present in the product.

Specifications(USP):

Test Parameter	Specification
Appearance (bulky, white powder)	Passes Test
Identification	Positive for Magnesium Positive for Phosphate
Solubility	Slightly soluble in water, Insoluble in alcohol, but soluble in dilute acid
Assay (MgHPO ₄)	≥96%
Loss on Ignition	15.0%~28.9%
Identification magnesium	Passes Test
Identification phosphate	Passes Test
Arsenic (As)	≤3.0ppm
Lead (Pb)	≤2.0ppm
Heavy metals	≤15.0ppm
Mercury	≤1.0ppm