

Magnesium Phosphate Dibasic

General Characteristics:

Formula:	MgHPO ₄ • 3H ₂ O
Molecular weight:	174
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:

- 25kg. net paper bag with PE bag inner.
- Store in dry, well ventilated warehouse and keep away from direct sunlight.
- 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
Solubility	Slightly soluble in water, Insoluble in alcohol, but soluble in dilute acid
Assay (MgHPO ₄)	≥96.0%
Loss on Ignition	15.0%-28.9%
Identification magnesium	Passes Test
Identification phosphate	Passes Test
Arsenic (As)	≤3.0ppm
Cadmium	≤1.0ppm
Lead (Pb)	≤2.0ppm
Heavy metals	≤15.0ppm
Mercury	≤1.0ppm
Iron	≤500.0ppm