

## Magnesium Carbonate Heavy

### General Characteristics:

<b>Formula:</b>	4MgCO <sub>3</sub> ·Mg(OH) <sub>2</sub> ·5H <sub>2</sub> O
<b>Appearance:</b>	White powder
<b>Molecular weight:</b>	485.65
<b>Odor:</b>	Odorless
<b>CAS Number:</b>	39409-82-0
<b>EINECS No.:</b>	235-192-7
<b>INS:</b>	504(i)

### Nutritional Values

<u>Nutrient</u>	<u>Nutrient Quantity</u>
Energy	- none
Fat	- none
Of which	
Saturates	- none
Mono-unsaturates	- none
Polyunsaturates	- none
Carbohydrate	- none
Of which	
Sugars	- none
Polyols	- none
Starch	- none
Fibre	- none
Protein	- none
Salt	- none

### Uses:

- PH regulator agent
- Drying agent
- Color-retention agent
- Anti-caking agent

### Packing and Storage:

- 25kg/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	100CFU/gr.max
Yeast&Molds	100CFU/gr.max
E.Coli	Absent in 1gr.
Salmonella	Absent in 25gr.

## **GMO-Status:**

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

## **Irradiation/Radioactivity:**

Yunbo's Magnesium carbonate 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	Specifications
Magnesium oxide(dry basis)	40.0%-43.5%
Identification	Positive
Acetic acid insolubles	≤0.05%
Insoluble in hydrochloric acid	≤0.05%
Soluble substances	≤1.0%
Appearance of solution	B4
Calcium	≤0.45%
Chloride	≤0.07%
Sulphate	≤0.6%
Iron	≤200ppm
Heavy metal	≤20.0ppm
Arsenic	≤2.0ppm
Lead	≤2.0ppm
Cadmium	≤1.0ppm
Mercury	≤0.1ppm
Bulk density	500-700g/l