



# EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

RM.3-93,TENGFEI BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION PARK,

NANJING ZONE,(JIANGSU) PILOT FREE TRADE ZONE ,CHINA

## Magnesium carbonate

### Product Description

#### General Characteristics:

**Formula:**  $MgCO_3$ ;  $4MgCO_3 \cdot Mg(OH)_2 \cdot 5H_2O$ ;  $MgCO_3 \cdot 5H_2O$

**Appearance:** White powder

**Molecular weight:** 84.31; 485.65; 102.33;

**Odor:** Odorless

**CAS Number:** 546-93-0; 39409-82-0; 23389-33-5

**EINECS No.:** 208-915-9

**INS:** 504(i)

**Solubility:** It is practically insoluble in water, to which, however, it imparts a slightly alkaline reaction. It is insoluble in alcohol, but dissolves, with effervescence, in dilute acids.

#### 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---two years

#### Microbiological Specification:

Total viable count 100CFU/gr.max

Yeast&Molds 100CFU/gr.max



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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:

Magnesium carbonate was never subjected to any kind of ionized irradiation and contains no radioactivity not even in minor amounts.

## Specifications (FCC/E504(i)/USP/EP) :

Test Parameter	FCC	E504(i)	USP	Ph.Eur
MgO(dry basis)	40.0%-43.5%		40.0%-43.5%	40.0%-45.0%
Mg	/	24.0%~26.4%		
Identification	Positive		Positive	
Test for magnesium	/	Passes test		
Test for carbonate	/	Passes test		
Acid insolubles matter	≤0.05%	≤0.05%	≤0.05%	≤0.05%
Soluble substances	≤1.0%	≤1.0%	≤1.0%	≤1.0%
Calcium oxide	≤0.6%			
Calcium		≤0.4%	≤0.45%	≤0.75%
Chloride				≤0.07%
Sulphate				≤0.3%
Iron			≤0.02%	≤0.04%
Heavy metal			≤0.03%	
Arsenic	≤2.0ppm	≤4.0ppm	≤4.0ppm	≤2.0ppm
Lead		≤2.0ppm		
Cadmium				
Mercury		≤1.0ppm		