



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 Oxide

### Product Description

#### General Characteristics:

**Formula:** MgO

**Molecular weight:** 40.30

**Appearance:** White powder

**Odor:** Odorlessness

**CAS Number:** 1309-48-4

**EINECS No.:** 215-171-9

**INS:** 530

**Solubility:** Practically insoluble in water. Insoluble in ethanol.

#### Uses:

1. Alkali agent; neutralizer; antagonist; antisticker; adsorbents. EEC is suitable for some cocoa products and is also used as dehydration agent for sugar refining. PH regulator of ice shock powder.

2. Nutrition enhancer can be used in milk powder, as magnesium source, dairy products, infant food, milk drinks and drinks.

3. GB 2760 / 2011 processing auxiliaries. It should generally be removed before the final product is made (except where there is a specified residue).

#### Packing and Storage:

- 25kg multiply paper bag with poly inner liner.
- Store in a well-closed bag at room temperature, protect from light, moisture and pest infestation.
- Shelf life--two years



# 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.

## GMO-Status:

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

## Irradiation/Radioactivity:

Yunbo's Magnesium Oxide was never subjected to any kind of ionized irradiation and contains no radioactivity minor amounts.

## Specifications (FCC/E530/USP/EP) :

Test Parameter	FCC	E530	USP	EP
Magnesium Oxide	96.0%~100.5%	≥98.0%	96.0%~100.5%	98.0%~100.5%
Acid-Insoluble Substances	≤0.10%	/	≤0.10%	≤0.10%
Alkalies (Free) and Soluble Salts	Passes test	Passes test	≤2.0%	≤2.0%
Test for magnesium	/	Passes test	Passes test	/
Calcium oxide	≤1.5%	≤1.5%		/
Limit of calcium	/	/	≤1.1%	≤1.5%
Chlorides	/	/	/	≤0.15%
Sulfates	/	/	/	≤1.0%
Loss on ignition	≤10.0%	≤5.0%	≤10.0%	≤8.0%
Arsenic	≤3.0ppm	≤3.0ppm	/	≤4.0ppm
Lead	≤4.0ppm	≤2.0ppm	/	/
Iron	/	/	≤0.05%	≤0.1%
Heavy mental	/	/	≤20.0ppm	/