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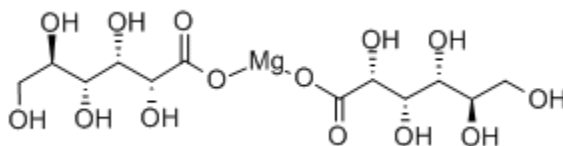
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## Technical Data Sheet

# Magnesium gluconate

### Product Information

Chemical Name	Magnesium gluconate
CAS #	3632-91-5
Formula	C <sub>12</sub> H <sub>22</sub> MgO <sub>14</sub>
Molecular Weight	414.6
Chemical Structure	



### Description

White crystalline powder, no smell, no impurities, soluble in hot water, hardly soluble in ethanol.

### Physical Properties

Flash point	100 °C
Merck	13,4469

### Specification

Items	Specification
Appearance	White crystalline powder
Identification A B	To pass test To pass test
Water,%	3.0~12.0

PH	6.0~7.8
Chloride ,%	≤0.05
Sulfate,%	≤0.05
Heavy metals, %	≤20
Lead,ppm	≤10
Reducing substances, ppm	≤1.0
Organic volatile impurities	Meets requirements

### Safety

Always refer to the Material Safety Data Sheet (MSDS)

### Applications

Mainly used for nutrition, dietary supplements. also as Medicinal, magnesium is a therapeutic agent.

### Packaging

25kg per fiber drum ,9mt per 20ft container, 25kg per bag, 23mt per container without pallet,20mt per container with pallet.

### Storage & Handling

Keep away from sources of ignition. No Smoking. Do not breathe vapor or mist. Avoid contact with skin, eyes, or clothing. Keep container tightly closed, in a well-ventilated place. Freezes (solidifies) at 18C

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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