

MAGNESIUM CHLORIDE



Magnesium chloride is an important inorganic compound and a vital chemical raw material. Its chemical formula is MgCl_2 . It appears as colorless crystalline substances, in the form of columns or needles, with a bitter taste. It is highly hygroscopic and readily dissolves in water, releasing heat during dissolution. It has a relatively high density and is stable in air.

QINGDAO CHEMLINK

PRODUCT ADVANTAGES

High purity

01

With low impurity content, it ensures excellent performance and quality.

02

Solubility

Easily soluble in water and can quickly form a uniform solution, facilitating its use in various applications.

03

Moisture absorption and moisture-proofing

Absorbing moisture in the air can be used for moisture-proofing and as a desiccant.

04

Stability

Stable under normal temperature and pressure and not prone to chemical reactions, making it possible to be used as an additive or catalyst in many chemical reactions.



APPLICATION FIELDS

Construction materials

It is used in the production of magnesium oxychloride cement, which has good fire resistance, thermal insulation, and sound insulation properties. It can be used to manufacture fireproof boards, thermal insulation boards, and other building materials.

Food Industry

It is used as a coagulant for tofu, causing the proteins in soy milk to coagulate and precipitate, forming tofu. It can also be used as a food additive to increase the water retention and stability of food.

Chemical Raw Material

It is an important raw material for the production of metallic magnesium. Metallic magnesium can be obtained by the electrolysis of anhydrous magnesium chloride. It is also used in the production of other magnesium compounds, such as magnesium hydroxide and magnesium carbonate.

Pharmaceutical

It can be used as a pharmaceutical intermediate in the production of some drugs. In clinical practice, magnesium chloride injection can be used to treat hypomagnesemia and other diseases.

Agriculture

It can be used as a magnesium fertilizer applied to the soil, providing magnesium to plants and promoting their growth and development.

PRODUCT NAME:
MAGNESIUM
CHLORIDE

(COMMONLY KNOWN AS BITTERN
SLICES OR BITTERN GRANULES.)



Molecular Formula	MgCl ₂ ·6H ₂ O
Molecular Weight	203.21
CAS No.	7791-18-6
Solubility	Highly soluble in water and alcohols
Appearance and Properties	Colorless hexagonal crystals, highly hygroscopic

Analysis Item Specification	Specification	
	Industrial-Grade	Feed Grade
Appearance	Flake, Granular	Flake, Granular
Magnesium Chloride %	≥44.5	≥46.4
Sulfate %	≤2.8	≤2.8
Alkali Metal Chloride %	≤0.9	≤0.9

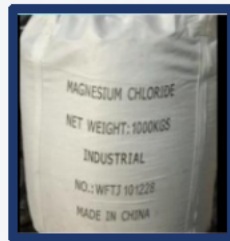
PACKAGING AND STORAGE

01 Solid: 25KG plastic woven bag (PP bag with PE inner liner bag)/1000KG ton bag (with PE inner liner bag), as required.

02 Customized shipping marks/labels/other packaging as required.

03 Transportation capacity (20FCL): Magnesium chloride granules in 25KG/50KG, it is 25 tons; for ton bag, it is 20 tons; Magnesium chloride flakes in 25KG/50KG, it is 23 tons; for ton bag, it is 20 tons.

04 Storage conditions: dry, ventilated and moisture-proof.



PRECAUTIONS



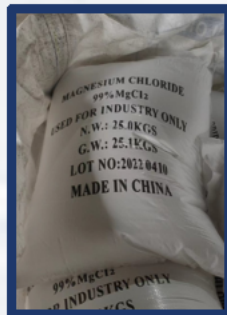
Inhalation of magnesium chloride dust may irritate the respiratory tract, causing symptoms such as coughing and shortness of breath.



Contact with magnesium chloride solution on the skin may cause redness, pain, and other irritation symptoms. Contact with the eyes can cause injury. Immediate rinsing with plenty of water and seeking medical attention is advised.



It should be stored in a sealed container to prevent moisture absorption.



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氯化镁



氯化镁是重要的无机化合物，是一种重要的化工原料。化学式为 $MgCl_2$ ，外观为无色结晶体，呈柱状或针状，有苦味，它易潮解，易溶于水，溶解时释放热量。其相对密度较大，在空气中稳定性较好。

QINGDAO CHEMLINK

产品优势

01

高纯度

杂质含量低，确保其优异的性能和质量

02

溶解性

易溶于水，能快速形成均匀的溶液，便于在各种应用中使用

03

吸湿防潮

吸收空气中水分可用于防潮和作干燥剂

04

稳定性

在常温常压下稳定，不易发生化学反应，使得其在诸多化学反应中可作添加剂或催化剂



应用领域

建筑材料

用于生产镁水泥，这种水泥具有良好的耐火性、保温性和隔音性，可用于制造防火板、保温板等建筑材料。

食品行业

作为豆腐的凝固剂，能使豆浆中的蛋白质凝聚沉淀，形成豆腐。还可作为食品添加剂，用于增加食品的水分保持性和稳定性。

化工原料

是生产金属镁的重要原料，通过电解无水氯化镁可以得到金属镁。同时，也用于生产其他镁化合物，如氢氧化镁、碳酸镁等。

医药领域

可作为医药中间体，用于生产一些药物。在临床上，氯化镁注射液可用于治疗低镁血症等疾病。

农业方面

可作为镁肥施用于土壤中，为植物提供镁元素，促进植物的生长和发育。

氯化镁

(俗称卤片、卤粒)



分子式	MgCl ₂ ·6H ₂ O
分子量	203.21
CAS 号	7791-18-6
溶解性	易溶于水、醇等
外观与性状	无色六角晶体，易潮解

分析项目	指标	
	工业级	饲料级
外观	片状、颗粒状	片状、颗粒状
氯化镁 %	≥44.5	≥46.4
硫酸根 %	≤2.8	≤2.8
碱金属氯化物 %	≤0.9	≤0.9

包装与存储

01 固体：25KG 塑料编织袋（PP 袋内含 PE 内衬袋）/1000KG 吨包（内含 PE 内衬袋）

02 按需指定唛头/标签/其他包装

运输容量（20 尺柜）：

03 氯化镁颗粒 25KG/50KG 25 吨，吨包 20 吨

氯化镁片状 25KG/50KG 23 吨，吨包 20 吨

04 储存条件：干燥、通风、防潮



注意事项



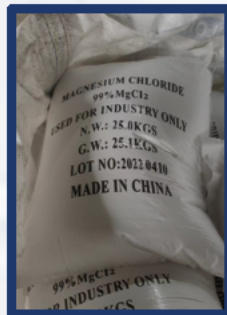
吸入氯化镁粉尘可能会刺激
呼吸道，引起咳嗽、气短等
症状。



皮肤接触氯化镁溶液可能会
引起红肿、疼痛等刺激症状，
眼睛接触后会对眼睛造成伤
害，应立即用大量清水冲洗
并就医。



储存时要密封保存，防止受
潮。



联系我们

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期待与您携手合作, 共创美好未来, 欢迎来电来函咨询洽谈。