

Salt Magnesium Chloride CAS 7791-18-6

Magnesium chloride is a kind of chloride. Colorless and easy deliquescence crystals. The salt is a typical ionic halide, soluble in water. Hydrated magnesium chloride can be extracted from sea water or salt water, usually with 6 molecules of crystal water. It loses crystal water when heated to 95 °C and starts to break down and release the hydrogen chloride (HCl) gas when above 135 °C. It's the raw material of industrial production of magnesium, found in sea water and bittern. Hydrated magnesium chloride is a prescription of oral magnesium supplementation commonly used material.

Product Name	Magnesium Chloride
Appearance	colourless crystals, hygroscopic, very soluble in water, freely soluble in alcohol
acidity	6.2
bromides	not more than 0.05%
aluminum	not more than 0.0001%
iron	not more than 0.001%
sulphate	not more than 0.01%
heavy metals	not more than 0.001%
arsenic	not more than 0.0002%
potassium	not more than 0.05%
water	51%~55%
bacterial endotoxins	not more than 0.25 EU/ml
microbial limit	not more than 500 cfu/g
assay	98%~101%

Application:

1 Metallurgical industry: adhesives used in the manufacture of refractories and stove arm and manufacturing II flux and smelting magnesium metal materials.

2 Chemical industries: mainly used for the production of magnesium salts, such as magnesium oxide, magnesium hydroxide, magnesium carbonate, firecrackers solid lead, disinfectants, chilled brine, and used to fill the fabric, paper, raw material is used as antifreeze.



3 Building materials: magnesium chloride and magnesium oxide(magnesia MgO) made of hard corrosion-resistant magnesia cement.

4 Transport sector: for road deicing salt and ice, and ice fast, small vehicles corrosive effects and antifreeze higher than sodium chloride.

5 Agriculture: used as the magnesium fertilizer, potassium and magnesium fertilizer and cotton defoliant.

Packaging & Shipping

