

Technical Data Sheet

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Item Name:

MgSO

PRODUCT INFORMATION

Chinese Name:	七水硫酸镁
Commodity Name:	MgSO
Chemical Name:	Magnesium Sulphate Heptahydrate
Other Name:	Magnesium Sulfate 7H ₂ O, Mag-Bind Equipure Libr, Magnesium Sulfate 7HYD XTL, Crystalline Magnesium Sulfate
CAS No.:	10034-99-8
Molecular Weight:	246.5
Molecular Formula:	MgSO ₄ ·7H ₂ O

PRODUCT DESCRIPTION

Magnesium sulfate heptahydrate, also known as bitter salt, white or colorless acicular or inclined columnar crystals, odourless, cool and slightly bitter. Decomposition under heating, and gradually change into anhydrous magnesium sulfate. Mainly used in manufacturing of fertilizer, tanning, printing and dyeing, catalyst, paper making, plastic, porcelain, pigment, match, explosives and fire prevention materials, can be used for dyeing and printing of thin cotton cloth, silk.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White granular
Content by wt %	99.5 min
MgSO ₄ by wt %	48.59 min
MgO by wt %	16.27 min
Mg by wt %	9.81 min
pH	5 - 8
Iron(Fe) by wt %	0.002 max
Cl by wt %	0.02 max
Heavy metal (Pb) by wt %	0.001 max
As by wt %	0.0002 max
Insoluble in water by wt %	0.01 max
Granular by mm	0.1 - 1, 1 - 3, 2 - 4

PACKING AND SHELF LIFE

Packing: 25kg PP Bag with PE Liner

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheet is for informational purposes only and is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.