

TECHNICAL DATA SHEET

Magnesium Sulfate | CAS 7487-88-4

1. Product Identification

Product Name	Magnesium Sulfate
CAS Number	7487-88-4
Synonyms	Epsom salt, Bitter salt, MgSO ₄ , E518
Category	Inorganic Salt
Available Grades	Technical/99%/Food Grade/LR/AR/Heptahydrate
HSN Code	2833.21

2. Physical & Chemical Properties

Molecular Formula	MgSO ₄
Molecular Weight	120.37
Appearance	White crystalline powder
Density	2660 kg/m ³
Boiling Point	1124°C (d)
Melting Point	N/A
Flash Point	None
Solubility	35.1g/100ml water

3. Applications

• Pharmaceutical (laxative) • Fertilizer micronutrient • Food additive • Textile manufacturing • Lab reagent • Soil supplement

4. Industries Served

Agriculture, Pharmaceutical, Food, Research

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.