



Technical Data Sheet (TDS)  
**Magnesium Sulfate Heptahydrate**

<b>Chemical Name</b>	Magnesium Sulfate Heptahydrate
<b>Chemical Formula</b>	MgSO <sub>4</sub> .7H <sub>2</sub> O
<b>Cas No</b>	10034-99-8
<b>EC No</b>	600-073-4

<b>Parameter</b>	<b>Specification</b>
Water soluble MgO	16,2 %
Water soluble SO <sub>3</sub>	32,4 %
Crystal water	51,1 %
Chloride (Cl)	Max. 100 ppm
Iron (Fe)	Max. 30 ppm
Lead (Pb)	Max. 3 ppm
Arsenic (As)	Max. 2 ppm
Cadmium (Cd)	Max. 20 ppm
Mercury (Hg)	Max. 0,1 ppm
Fluoride (F)	Max. 500 ppm
Solubility	100 %
Crystal size	0,1–4,0 mm
pH @ 25 °C	5,0–7,5
Density	1,70 g/cm <sup>3</sup>
Physical state	Solid
Appearance	Clear, full crystals, white crystals
Taste	Typical
Odour	Odourless

BORTERA KİMYA VE TİCARET LİMİTED ŞİRKETİ

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