

Magnesium Sulphate



**Nigeria
Chemicals**

1. IDENTIFICATION

CHEMICAL NAME: Magnesium sulphate heptahydrate

CHEMICAL FORMULA: $MgSO_4 \cdot 7H_2O$

CAS No.: 10034-99-8

EINECS No.: 231-298-2

MOLECULAR WEIGHT: 246,48

2. FEATURES

METHOD	DETERMINATIONS	VALUE	UNITS	TOLERANCE
(*)	$MgSO_4$ content	48	% w/w	Minimum
Visual	Aspect	White crystals	-	-
-	$MgSO_4 \cdot 7H_2O$ content	99	% w/w	-
-	MgO content	16	% w/w	-
-	SO_3 content	32	% w/w	-
-	Mg content	9.5	% w/w	-
-	Humidity content	51	% w/w	-
-	K_2SO_4 , $CaSO_4$, KCl, NaCl	0,1	% w/w	-
-	pH (10 % solution, 20°C)	7	-	-
-	Volumetric Weight	0.95	g/cm^3	-
-	Saturation point at 20 °C	25.8	% w/w ($MgSO_4$)	-

(*) The parameter values specified are guaranteed by analysis methods of our product supplier / service.

3. APPLICATION

- Textile Industry
- Ceramics and Refractory Industry
- Paper Industry
- Detergents Industry

4. PRESENTATION

The product is marketed in:

- Bags of 25 Kg
- Big – Bags of 500 Kg

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