

Technical data sheet



Product name: **Magnesium sulfate heptahydrate**

Grade: **Extra pure**

Chemical formula: $MgSO_4 \cdot 7H_2O$

Molar mass: 246.48 g/mol

Synonyms: Epsom salt; sulfuric acid magnesium salt heptahydrate; Bitter salt

General information	
Cas- No.	10034-99-8
Ec-No.	231-298-2
Appearance	White powder
Boiling point	N/A
Melting point	N/A
Flash point	N/A
Spec.density	1,68 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	710 g/l (20°C)
Storage temp	+2°C to +30°C
R:	N/A
S:	N/A

Specification	
Assay(Dried substance)	99.0-100.5 %
Identity	conforms
Appearance of solution	conforms
Acidity or alkalinity	conforms
Chloride	≤0.014%
Heavy metals	≤0.0005%
Calcium	≤0.01%
Loss on drying (450°C)	49.0-52.0 %
pH value	5-8.2 (5%, water)
Organic volatile impurities	conforms
Bulk density	~900kg/ m ³

Symbol:

packaging:

Avalebel Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



دفتر مرکزی: تهران- خیابان شهید بهشتی- خیابان میرعماد - کوچه ۱۴-ساختمان شماره ۳
 Address : #14 ,4th Floor ,No3, Miremad Street,Beheshti Ave
 TEL:88530442-88530443
 www.armansina.com