

PRODUCT SPECIFICATION SHEET

· SFC ·



Epsom Salts, Technical Grade

Nature of Product:

White crystals.

Also known as:

Epsom Salt pure, technical.

Chemical Analysis:

	W	typical	min	max
Magnesium Sulphate (MgSO ₄)	%	49.3	48.0	50.0
Loss on Ignition (450°C)	%	50.5	50.0	52.0
Sodium (Na)	mg/kg	45		120
Potassium (K)	mg/kg	800	100	3,000
Calcium (Ca)	mg/kg	20		100
Chloride (Cl)	mg/kg	100	10	200
H ₂ O Insolubles	mg/kg	10		100
Iron (Fe)	mg/kg	0.15		1
Heavy metals (as Pb)	mg/kg			5

Granulometry:-

typical

<1 mm

65.0%

d₅₀ [mm]

0.80 mm

Physical Properties:

Bulk density

ca. 980 kg/m³

Molecular weight

246.47 g/mol

Density

1.7 g/cm³

Solubility in water

w(MgSO₄) = 26.3 % at 20°C (68 °F)

Readily soluble, practically without residues; always vigorously stir the salt into water or solution.

Special characteristics:

Depending on ambient temperature and precooling relative humidity the product is prone to absorption of water and dehydration, which can result in caking.

Packaging:

25 kg bags, 40 per pallet.

Supplies for Candles Ltd & The Soap Kitchen Ltd,

Unit E Swinton Bridge Industrial Estate, Whitelee Road, Swinton, South Yorkshire, S64 8BH

Important Note: The information contained in this document is given in good faith and is to the best of suppliers Knowledge correct at the date of publication, but it is for the users to satisfy themselves of the suitability of the product for their purpose.