

STRAIGHTS

Magnesium Sulphate

Horticultural Grade

July 2018

Origin: Germany

Section 1 | Description

Brand name	Van Iperen Magnesium Sulphate Horticultural Grade
Chemical name	Magnesium sulphate heptahydrate
Chemical formula	$MgSO_4 \cdot 7H_2O$
Appearance	White crystalline powder

Section 2 | Chemical composition

Magnesium Oxide (MgO)	16% w/w
Magnesium (Mg)	9.6% w/w
Sulphur Trioxide (SO ₃)	32.5% w/w
Sulphur (S)	13% w/w

Section 3 | Heavy metals

Arsenic (As)	< 0.5mg/kg	Mercury (Hg)	< 0.01mg/kg
Cadmium (Cd)	< 0.5mg/kg	Lead (Pb)	< 0.5mg/kg
Chrome (Cr)	< 0.5mg/kg		

Section 4 | Physical properties

Density	1 +/- 0.1g/cm ³
pH	8 +/- 1 (in 5% solution)
Solubility	342g/L