

## STRAIGHTS

# Magnesium Sulphate

## Horticultural Grade

June 2019

Origin: India

EC FERTILISER

Reach Reg. 01-2119486789-11

## 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 crystals

## Section 2 | Chemical composition

Magnesium Oxide (MgO)	16% w/w
Magnesium (Mg)	9.6% w/w
Sulphur Trioxide (SO <sub>3</sub> )	32% w/w
Sulphur (S)	12.8% w/w

## Section 3 | Heavy metals

Arsenic (As)	< 1mg/kg	Mercury (Hg)	< 2mg/kg
Cadmium (Cd)	< 2mg/kg	Lead (Pb)	< 1mg/kg
Chrome (Cr)	< 2mg/kg		

## Section 4 | Physical properties

Density	1 +/- 0.2g/cm <sup>3</sup>
pH	7 +/- 0.5 (in 1% solution)   7 +/- 0.5 (in 10% solution)   7 +/- 0.5 (in 5% solution)
Electric conductivity (EC)	1.2 +/- 0.2mS/cm (in 0.1% solution)
Solubility	700g/L
Insolubles	< 0.1%
Moisture	0.8%