STRAIGHTS

Magnesium Nitrate
Horticultural Grade

June 2019 | Origin: Poland | EC FERTILISER | Reach Reg. 01-2119491164-38

Section 1 | Description

Brand name	Van Iperen Magnesium Nitrate Horticultural Grade
Chemical name	Magnesium nitrate hexahydrate
Chemical formula	$Mg(NO_3)_2.6H_2O$
Appearance	White pellets

Section 2 | Chemical composition

Total Nitrogen (N)	> 10.5% w/w
Nitric Nitrogen (N-NO_3)	> 10.5% w/w
Magnesium Oxide (MgO)	> 15.6% w/w
Magnesium (Mg)	> 9.5% w/w

Section 3 | Heavy metals

Arsenic (As)	< 1mg/kg	Mercury (Hg)	< 0.1mg/kg
Cadmium (Cd)	< 1mg/kg	Lead (Pb)	< 2mg/kg
Chrome (Cr)	< 1mg/kg		

Section 4 | Physical properties

Density	0.75 +/- 0.05g/cm³
pH	6.5 +/- 1.0 (in 1% solution) | 6.3 +/- 1.3 (in 5% solution)
Electric conductivity (EC)	0.9 +/- 0.2mS/cm (in 0.1% solution)
Solubility	2250g/L
Insolubles	< 0.01%

Specimen

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