

STRAIGHTS | MAGNESIUM PRODUCTS

Magnesium Nitrate

Horticultural Grade

June 2020

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	$\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
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/cm ³
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%