

STRAIGHTS | MAGNESIUM PRODUCTS

Magnesium Nitrate 37% Liquid

March 2021

Origin: The Netherlands

EC FERTILISER

Reach Reg. 01-2119491164-38

Section 1 | Description

Brand name	Van Iperen Magnesium Nitrate 37% Liquid
Chemical name	Magnesium dinitrate
Chemical formula	$Mg(NO_3)_2$
Appearance	Colourless - Light yellow liquid

Section 2 | Chemical composition

Total Nitrogen (N)	7% +/- 0.4% w/w 9.4% +/- 0.7% w/v
Nitric Nitrogen (N-NO ₃)	7% +/- 0.4% w/w 9.4% +/- 0.7% w/v
Magnesium Oxide (MgO)	10% +/- 0.3% w/w 13.5% +/- 0.4% w/v

Section 3 | Physical properties

Density	1.35 +/- 0.02kg/L
pH	3 +/- 0.5
Electric conductivity (EC)	42.15 +/- 4mS/cm (in 10% solution)
Crystallization temperature	-10°C