

SPECIALS

CalMag Iron

Horticultural Grade

June 2019

Origin: Poland

EC FERTILISER

Reach Reg.

Section 1 | Description

Brand name	Van Iperen CalMag Iron Horticultural Grade
Chemical name	Calcium nitrate, magnesium nitrate and Iron-EDTA
Chemical formula	$5(\text{Ca}(\text{NO}_3)_2) \cdot (\text{NH}_4\text{NO}_3) \cdot 10(\text{H}_2\text{O}) + \text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O} + \text{Fe-EDTA}$
Appearance	White-yellow flakes

Section 2 | Chemical composition

Total Nitrogen (N)	13.4% +/- 0.3% w/w
Nitric Nitrogen (N-NO ₃)	13% +/- 0.3% w/w
Ammoniacal Nitrogen (N-NH ₄)	0.4% +/- 0.1% w/w
Calcium Oxide (CaO)	16.4% +/- 0.5% w/w
Magnesium Oxide (MgO)	6% +/- 0.3% w/w
Iron (Fe), chelated by EDTA	0.1% +/- 0.02% w/w

Section 3 | Physical properties

Density	0.9 +/- 0.05g/cm ³
pH	6.5 +/- 0.5 (in 1% solution) 6.5 +/- 0.5 (in 10% solution)
Electric conductivity (EC)	1.25 +/- 0.2mS/cm (in 0.1% solution)
Solubility	2200g/L
Insolubles	< 0.01%