

## SPECIALS

## Cal Boron Liquid

June 2019

Origin: The Netherlands

EC FERTILISER

Reach Reg.

## Section 1 | Description

Brand name	Van Iperen Cal Boron Liquid
Chemical name	Solution of calcium nitrate and boric acid
Chemical formula	$\text{Ca}(\text{NO}_3)_2 + \text{H}_3\text{BO}_3$
Appearance	Colourless - Light yellow liquid

## Section 2 | Chemical composition

Total Nitrogen (N)	8.6% +/- 0.4% w/w   12.9% +/- 0.6% w/v
Nitric Nitrogen (N-NO <sub>3</sub> )	8.6% +/- 0.4% w/w   12.9% +/- 0.6% w/v
Calcium Oxide (CaO)	17.4% +/- 0.4% w/w   26% +/- 0.6% w/v
Boron (B)	0.1% +/- 0.02% w/w   0.1% +/- 0.03% w/v

## Section 3 | Heavy metals

Arsenic (As)	< 5mg/kg	Mercury (Hg)	< 1mg/kg
Cadmium (Cd)	< 5mg/kg	Lead (Pb)	< 5mg/kg
Chrome (Cr)	< 5mg/kg		

## Section 4 | Physical properties

Density	1.5 +/- 0.02kg/L
pH	4.5 +/- 0.5
Crystallization temperature	-5°C