

NEW SOLUTIONS

Iperen WAKE-up® Liquid

September 2018

Origin: The Netherlands

Reach Reg.

Section 1 | Description

Brand name	Iperen WAKE-up® Liquid
Chemical name	NK fertiliser
Chemical formula	NPK 3 - 0 - 22.5 (w/w)
Appearance	Colourless liquid

Section 2 | Chemical composition

Total Nitrogen (N)	3% +/- 0.3% w/w 4% +/- 0.4% w/v
Ureic Nitrogen (N-NH ₂)	3% +/- 0.3% w/w 4% +/- 0.4% w/v
Potassium Oxide (K ₂ O)	22.5% +/- 1% w/w 30% +/- 1.3% w/v

Section 3 | Heavy metals

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

Section 4 | Physical properties

Density	1.34 +/- 0.02kg/L
pH	7.5 +/- 0.5 6.2 +/- 1 (in 1.5% solution)
Electric conductivity (EC)	6.9 +/- 0.4mS/cm (in 1.5% solution)
Crystallization temperature	-20°C