

IPE TECHNOLOGY

Iperen IPE® Liquid | 3 - 15 - 0

August 2018

Origin: The Netherlands

Reach Reg.

Section 1 | Description

Brand name	Iperen IPE® Liquid 3 - 15 - 0
Chemical name	NP fertiliser
Chemical formula	NPK 3 - 15 - 0 (w/w)
Appearance	Black liquid

Section 2 | Chemical composition

Total Nitrogen (N)	3% +/- 0.3% w/w 3.5% +/- 0.4% w/v
Ammoniacal Nitrogen (N-NH ₄)	1.5% +/- 0.3% w/w 1.7% +/- 0.4% w/v
Ureic Nitrogen (N-NH ₂)	1.5% +/- 0.3% w/w 1.7% +/- 0.4% w/v
Phosphorus Pentoxide (P ₂ O ₅)	15% +/- 0.8% w/w 17.8% +/- 1.0% 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	1.19 +/- 0.02kg/L
pH	≤ 2 3.2 +/- 1 (in 0.1% solution)
Electric conductivity (EC)	0.4 +/- 0.04mS/cm (in 0.1% solution)
Crystallization temperature	-8°C