

August 2017

Origin: The Netherlands

SHEET 1 / 1

Section 1 / Description:

Brand name	Iperen IPE 20 - 13 - 20 + TE
Chemical name	NPK fertiliser with micro-nutrients
Chemical formula	NPK 20 - 13 - 20 + TE
Appearance	Green crystalline powder



Increased Phosphate Efficiency

Section 2 / Chemical composition:

Total Nitrogen (N)	20% w/w
Nitric Nitrogen (N-NO ₃)	5.8% w/w
Ammoniacal Nitrogen (N-NH ₄)	2.4% w/w
Ureic Nitrogen (N-NH ₂)	11.8% w/w
Phosphorus Pentoxide (P ₂ O ₅)	13% w/w (soluble in neutral ammonium citrate and in water)
Phosphorus Pentoxide (P ₂ O ₅)	13% w/w (soluble in water)
Potassium Oxide (K ₂ O)	20% w/w (soluble in water)
Magnesium Oxide (MgO)	2% w/w (soluble in water)
Sulphur Trioxide (SO ₃)	4% w/w (soluble in water)
Boron (B)	0.01% w/w
Copper (Cu), EDTA chelated	0.006% w/w
Iron (Fe), EDTA chelated	0.05% w/w
Manganese (Mn), EDTA chelated	0.03% w/w
Molybdenum (Mo)	0.004% w/w
Zinc (Zn), EDTA chelated	0.008% w/w

Section 3 / Physical properties:

Density	1.0 +/- 0.2 g/cm ³	pH	5 - 7 (in 10% solution)
Electrical Conductivity (EC)	7.5 +/- 2 mS/cm (in 1% solution)		
Solubility	413 g/L	Insolubles	< 0.06%
Granulometry	< 2 mm: > 80%	Humidity	< 1%