

2nd November 2015

PAGE 1/1

Section 1 / Description:

Brand name	Van Iperen Achtang 32 - 10 - 10 + TE
Chemical name	NPK with chelated trace elements (EDTA)
Chemical formula	32 - 10 - 10 + TE
Appearance	White crystalline powder

Section 2 / Chemical composition:

Total Nitrogen (N)	32%
Nitric Nitrogen (N-NO ₃)	3%
Ammoniacal Nitrogen (N-NH ₄)	2%
Ureic Nitrogen (N-NH ₂)	27%
Phosphorus Pentoxide (P ₂ O ₅)	10% (soluble in neutral ammonium citrate and in water)
Phosphorus Pentoxide (P ₂ O ₅)	9.8% (soluble in water)
Potassium Oxide (K ₂ O)	10% (soluble in water)
Sulphur Trioxide (SO ₃)	1.7% (soluble in water)
Boron (B)	96 ppm
Copper (Cu), EDTA chelated	64 ppm
Iron (Fe), EDTA chelated	560 ppm
Manganese (Mn), EDTA chelated	280 ppm
Molybdenum (Mo)	40 ppm
Zinc (Zn), EDTA chelated	80 ppm

Section 3 / Physical properties:

Density	0.8 +/- 0.1 g/cm ³
pH	5 - 7 (in 0.1% solution)
EC	1.1 mS/cm (in 0.1% solution)
Solubility	725 g/L