

WS NPKS

Ubinas | 20 - 20 - 20 + TE

December 2017

Origin: The Netherlands

Reach Reg.

Section 1 | Description

Brand name	Van Iperen Ubinas 20 - 20 - 20 + TE
Chemical name	NPK fertilizer with micronutrients
Chemical formula	NPK 20 - 20 - 20 + TE
Appearance	White crystalline powder and prills

Section 2 | Chemical composition

Total Nitrogen (N)	20% w/w
Nitric Nitrogen (N-NO ₃)	5.9% w/w
Ammoniacal Nitrogen (N-NH ₄)	4% w/w
Ureic Nitrogen (N-NH ₂)	10.1% w/w
Phosphorus Pentoxide (P ₂ O ₅)	20% w/w
Potassium Oxide (K ₂ O)	20% w/w
Boron (B)	0.01% w/w
Copper (Cu), chelated by EDTA	0.006% w/w
Iron (Fe), chelated by EDTA	0.05% w/w
Manganese (Mn), chelated by EDTA	0.03% w/w
Molybdenum (Mo)	0.004% w/w
Zinc (Zn), chelated by EDTA	0.008% w/w

Section 3 | Heavy metals

Arsenic (As)	< 5mg/kg	Mercury (Hg)	< 1mg/kg
Cadmium (Cd)	< 5mg/kg	Lead (Pb)	< 10mg/kg
Chrome (Cr)	< 5mg/kg		

Section 4 | Physical properties

Density	1.0 +/- 0.2g/cm ³
pH	6 +/- 1 (in 10% solution)
Electric conductivity (EC)	7.7 +/- 2mS/cm (in 1% solution)
Solubility	408g/L
Insolubles	< 0.06%