

NPK SOLUTIONS | FIT CROP

## WS NPK 18 - 18 - 18 + 3MgO + TE

May 2020

Origin: The Netherlands

EC FERTILISER

Reach Reg.

## Section 1 | Description

Brand name	Van Iperen WS NPK   18 - 18 - 18 + 3MgO + TE
Chemical name	NPK fertilizer with micronutrients
Chemical formula	NPK 18 - 18 - 18 + 3MgO + TE
Appearance	White crystalline powder

## Section 2 | Chemical composition

Total Nitrogen (N)	18% w/w
Nitric Nitrogen (N-NO <sub>3</sub> )	5% w/w
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	4% w/w
Ureic Nitrogen (N-NH <sub>2</sub> )	9% w/w
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	18% w/w
Potassium Oxide (K <sub>2</sub> O)	18% w/w
Magnesium Oxide (MgO)	3% w/w
Boron (B)	0.01% w/w
Copper (Cu), chelated by EDTA	0.006% w/w
Iron (Fe), chelated by EDTA	0.056% w/w
Manganese (Mn), chelated by EDTA	0.028% 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 <sup>3</sup>
pH	6 +/- 1 (in 10% solution)