



MENAFERT

Technical Data Sheet

**Water Soluble NPK
18 - 18 - 18 + 3 MgO + TE**

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Water Soluble NPK
18 - 18 - 18 + 3 MgO + TE

Description

Brand Name	MENAFERT 18 - 18 - 18 + 3 MgO + TE
Chemical name	NPK with magnesium + chelated trace elements (EDTA)
Chemical Formula	18 - 18 - 18 + 3 MgO + TE
Color	Chrystalline, white

Chemical Composition

Total Nitrogen (N)	18 %
Nitrate N (N-NO ₃)	5.2 %
Ammoniacal N (N-NH ₄)	3.4 %
Urea N (N-NH ₂)	9.4 %
Phosphoric Pentaoxide (P ₂ O ₅)	18.0 %
Potassium Oxide (K ₂ O)	18.0 %
Magnesium Oxide (MgO), EDTA chelated	3.0 %
Sulfur Trioxide (SO ₃)	6 %
Trace Elements	
Bore (B)	96 ppm
Iron (Fe) EDTA chelated	560 ppm
Copper (Cu) EDTA chelated	64 ppm
Manganese (Mn) EDTA chelated	280 ppm
Molybdenum (Mo)	40 ppm
Zinc (Zn) EDTA chelated	80 ppm

Physical Properties

Product Density	1.0 +/- 0.1 g/cm ³
Solubility	470 g/L
EC	1.1 mS/cm in 0.1% water solution
pH	5 - 7 in 0.1% water solution