



MENAFERT

Technical Data Sheet

Water Soluble NPK
16 - 8 - 24 + 3 MgO + TE

www.menafert.com
info@menafert.com



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Water Soluble NPK
16 - 8 - 24 + 3 MgO + TE

Description

Brand Name	MENAFERT 16 - 8 - 24 + 3 MgO + TE
Chemical name	NPK with magnesium + chelated trace elements (EDTA)
Chemical Formula	16 - 8 - 24 + 3 MgO + TE
Color	Crystalline, white

Chemical Composition

Total Nitrogen (N)	16 %
Nitrate N (N-NO ₃)	5.3 %
Ammoniacal N (N-NH ₄)	3.6 %
Urea N (N-NH ₂)	7.1 %
Phosphoric Pentaoxide (P ₂ O ₅)	8.0 %
Potassium Oxide (K ₂ O)	24.0 %
Sulfur Trioxide (SO ₃)	16.8 %
Magnesium Oxide (MgO)	3.0 %
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	1.1 +/- 0.1 g/cm ³
Solubility	480 g/L
EC	1.1 mS/cm in 0.1% water solution
pH	5 - 7 in 0.1% water solution