



MENAFERT

Technical Data Sheet

Water Soluble NPK
13 - 11 - 36 + 1 MgO + TE

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13 - 11 - 36 + 1 MgO + TE

Description

Brand Name	MENAFERT 13 - 11 - 36 + 1 MgO + TE
Chemical name	NPK with chelated trace elements (EDTA)
Chemical Formula	13 - 11 - 36 + 1 MgO + TE
Color	Chrystalline, white

Chemical Composition

Total Nitrogen (N)	13 %
Nitrate N (N-NO ₃)	8.6 %
Ammoniacal N (N-NH ₄)	1 %
Urea N (N-NH ₂)	3.4 %
Phosphoric Pentaoxide (P ₂ O ₅)	11 %
Potassium Oxide (K ₂ O)	36 %
Magnesium Oxide (MgO)	1 %
Sulphur Trioxide (SO ₃)	5 %
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	360 g/L
EC	1.2 mS/cm in 0.1% water solution
pH	5 - 7 in 0.1% water solution