



MENAFERT

Technical Data Sheet

**Water Soluble NPK
AQUA 4 - 2 - 7 + MgO + TE**

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Water Soluble NPK
AQUA 4 - 2 - 7 + MgO + TE

Description

Brand Name	MENAFERT AQUA 4 - 2 - 7 + MgO + TE
Chemical Name	NPK + chelated magnesium and trace elements (EDTA)
Chemical Formula	4 - 2 - 7 + MgO + TE (w/w)
Color	Liquid, greenish

Chemical Composition

Total Nitrogen (N)	4.0% w/w 4.6% w/v
Nitrate N (N-NO ₃)	2.4% w/w 2.7% w/v
Ammoniacal N (N-NH ₄)	0.8% w/w 0.9% w/v
Urea N (N-NH ₂)	0.8% w/w 0.9% w/v
Phosphoric Pentaoxide (P ₂ O ₅)	2.0% w/w 2.3% w/v
Potassium Oxide (K ₂ O)	7.0% w/w 8.0% w/v
Magnesium Oxide (MgO), EDTA chelated	0.014% w/w 0.016% w/v
Trace Elements	
Bore (B)	0.005% w/w 0,006% w/v
Iron (Fe) EDTA chelated	0.020% w/w 0.023% w/v
Copper (Cu) EDTA chelated	0.002% w/w 0.002% w/v
Manganese (Mn) EDTA chelated	0.011% w/w 0.013% w/v
Molybdenum (Mo)	0.0020% w/w 0.0023% w/v
Zinc (Zn) EDTA chelated	0.0032% w/w 0.0036% w/v

Physical Properties

Product Density	1.14 g/cm ³
Crystallization Temp	< 5 °C
pH	3.5 - 5.5