



MENAFERT

Technical Data Sheet

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

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

Description

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

Chemical Composition

Total Nitrogen (N)	7.0% w/w 8.2% w/v
Nitrate N (N-NO ₃)	2.1% w/w 2.5% w/v
Ammoniacal N (N-NH ₄)	0.8% w/w 0.9% w/v
Urea N (N-NH ₂)	4.2% w/w 4.9% w/v
Phosphoric Pentaoxide (P ₂ O ₅)	4.0% w/w 4.7% w/v
Potassium Oxide (K ₂ O)	7.0% w/w 8.2% w/v
Magnesium Oxide (MgO), EDTA chelated	0.050% w/w 0.059% w/v
Trace Elements	
Bore (B)	0.004% w/w 0,005% w/v
Iron (Fe) EDTA chelated	0.025% w/w 0.029% w/v
Copper (Cu) EDTA chelated	0.005% w/w 0.006% w/v
Manganese (Mn) EDTA chelated	0.016% w/w 0.019% w/v
Molybdenum (Mo)	0.0030% w/w 0.0035% w/v
Zinc (Zn) EDTA chelated	0.0100% w/w 0.0117% w/v

Physical Properties

Product Density	1.17 g/cm ³
Crystallization Temp	< 5 °C
pH	3.0 - 5.5