



**MENAFERT**

Technical Data Sheet

**Water Soluble NPK  
AQUA 7 - 4 - 8 + MgO + TE**

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## MENAFERT

Water Soluble NPK  
AQUA 7 - 4 - 8 + MgO + TE

### Description

Brand Name	MENAFERT AQUA 7 - 4 - 8 + MgO + TE
Chemical name	NPK + chelated magnesium and trace elements (EDTA)
Chemical Formula	7 - 4 - 8 + MgO + TE (w/w)
Color	Liquid, greenish

### Chemical Composition

Total Nitrogen (N)	7.0% w/w   8.3% w/v
Nitrate N (N-NO <sub>3</sub> )	2.2% w/w   2.6% w/v
Ammoniacal N (N-NH <sub>4</sub> )	0.6% w/w   0.7% w/v
Urea N (N-NH <sub>2</sub> )	4.2% w/w   5.0% w/v
Phosphoric Pentaoxide (P <sub>2</sub> O <sub>5</sub> )	4.0% w/w   4.8% w/v
Potassium Oxide (K <sub>2</sub> O)	8.0% w/w   9.5% w/v
Magnesium Oxide (MgO), EDTA chelated	0.050% w/w   0.060% w/v
Trace Elements	
Bore (B)	0.004% w/w   0,005% w/v
Iron (Fe) EDTA chelated	0.025% w/w   0.030% 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   0.0036% w/v
Zinc (Zn) EDTA chelated	0.0100% w/w   0.0119% w/v

### Physical Properties

Product Density	1.19 g/cm <sup>3</sup>
Crystallization Temp	< 5 °C
pH	3.0 - 5.5