



**MENAFERT**

Technical Data Sheet

**Water Soluble NPK  
AQUA 10-3-3+ MgO + TE**

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## MENAFERT

Water Soluble NPK  
AQUA 10-3-3+ MgO + TE

### Description

Brand Name	MENAFERT AQUA 10-3-3+ MgO + TE
Chemical name	NPK + chelated magnesium and trace elements (EDTA)
Chemical Formula	10-3-3+ MgO + TE (w/w)
Color	Liquid, greenish

### Chemical Composition

Total Nitrogen (N)	10.0% w/w   11.3% w/v
Nitrate N (N-NO <sub>3</sub> )	1.0% w/w   1.1% w/v
Ammoniacal N (N-NH <sub>4</sub> )	1.0% w/w   1.1% w/v
Urea N (N-NH <sub>2</sub> )	8.0% w/w   9.0% w/v
Phosphoric Pentaoxide (P <sub>2</sub> O <sub>5</sub> )	3.0% w/w   3.4% w/v
Potassium Oxide (K <sub>2</sub> O)	3.0% w/w   3.4% w/v
Magnesium Oxide (MgO), EDTA chelated	0.017% w/w   0.019% w/v
Trace Elements	
Bore (B)	0.002% w/w   0,003% w/v
Iron (Fe) EDTA chelated	0.017% w/w   0.019% w/v
Copper (Cu) EDTA chelated	0.001% w/w   0.001% w/v
Manganese (Mn) EDTA chelated	0.001% w/w   0.001% w/v
Molybdenum (Mo)	0.0003% w/w   0.0003% w/v
Zinc (Zn) EDTA chelated	0.0008% w/w   0.009% w/v

### Physical Properties

Product Density	1.13 g/cm <sup>3</sup>
Crystallization Temp	< 5 °C
pH	3.5 - 5.5