



MENAFERT

Technical Data Sheet

Trace Elements

MENAFERT IRONFEED 11% HS

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Description

Brand Name	MENAFERT IRONFEED 11% HS
Chemical name	Diethylenetriaminepentaacetic acid, ferric- disodium complex
Chemical Formula	$C_{14}H_{18}N_3O_{10}FeNa_2$
Appearance	Yellow Microgranules

Chemical Composition

Iron (Fe), DTPA chelated	11.0% +/- 0.4 w/w
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Physical Properties

Density	0.7 +/- 0.1 g/cm ³
pH	6.0 +/- 0.5 (in 1.0% water solution)
	6.5 +/- 1.0 (in 0.1% water solution)
Conductivity (EC)	3.0 +/- 0.2 mS/cm (in 1.0% water solution at 20°C)
	0.37 +/- 0.03 mS/cm (in 0.1% water solution at 20°C)
Water Insolubles	Max 0.01%
Percentage of nutrient chelated	100%
Solubility	700 g/L