

20th of December 2010

SHEET 1 / 1

Section 1 / Description:

Brand name	Van Iperen Oligo Iron-DTPA 11%
Chemical name	Diethylenetriaminepentaacetic acid, ferric- diammonium complex
Chemical formula	$C_{14}H_{26}N_5O_{10}Fe$
Appearance	Yellow microgranules

Section 2 / Chemical composition:

Fe ³⁺	11.0%
------------------	-------

Section 3 / Physical properties:

Density	0.6 - 0.7 g/cm ³
pH	3.0 +/- 0.5 (in 1.0% water solution)
Conductivity (EC)	0.35 mS/cm (at 20 °C in 0.1% water solution)
Water insolubles	Max 0.01%
Percentage of nutrient chelated	100%