

Potassium Nitrate Horticultural Grade

1ST OF FEBRUARY 2011

SHEET 1 / 1

Section 1 / Description:

Brand name	Van Iperen Potassium Nitrate Horticultural Grade
Chemical name	Potassium Nitrate
Chemical formula	KNO ₃
Appearance	White, odourless, crystalline powder

Section 2 / Chemical composition:

	Typical
N-Total	13.7%
N-NO ₃	13.7%
K ₂ O	46.3%
K	38.4%

Section 3 / Physical properties:

Density	1.0 - 1.2 g/cm ³
pH	4 - 5 (in 10% solution)
Solubility in water	316 g / l water (at 20 degrees Celcius)