

STRAIGHTS

Ammonium Nitrate 18% Liquid

Origin: The Netherlands

Reach Reg. 01-2119490981-27

Section 1 | Description

Brand name	Van Iperen Ammonium Nitrate 18% Liquid
Chemical name	Ammonium nitrate
Chemical formula	NH_4NO_3
Appearance	Colourless liquid

Section 2 | Chemical composition

Total Nitrogen (N)	18% +/- 0.5% w/w 22.3% +/- 0.6% w/v
Nitric Nitrogen (N-NO ₃)	9% +/- 0.5% w/w 11.1% +/- 0.6% w/v
Ammoniacal Nitrogen (N-NH ₄)	9% +/- 0.5% w/w 11.1% +/- 0.6% w/v

Section 3 | Heavy metals

Arsenic (As)	< 5mg/kg	Mercury (Hg)	< 1mg/kg
Cadmium (Cd)	< 1mg/kg	Lead (Pb)	< 5mg/kg
Chrome (Cr)	< 5mg/kg		

Section 4 | Physical properties

Density	1.24 +/- 0.01kg/L
pH	6.5 +/- 1.5 (in 10% solution)
Crystallization temperature	-6°C