

## STRAIGHTS

## Ammonium Nitrate 18% Liquid

April 2019

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	$\text{NH}_4\text{NO}_3$
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 <sub>3</sub> )	9% +/- 0.5% w/w   11.1% +/- 0.6% w/v
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	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