

## STRAIGHTS

# Ammonium Sulphate

## Horticultural Grade

December 2018

Origin: The Netherlands

Reach Reg. 01-2119455044-46

## Section 1 | Description

Brand name	Van Iperen Ammonium Sulphate Horticultural Grade
Chemical name	Ammonium Sulphate
Chemical formula	$(\text{NH}_4)_2\text{SO}_4$
Appearance	White crystals

## Section 2 | Chemical composition

Total Nitrogen (N)	21% w/w
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	21% w/w
Sulphur Trioxide (SO <sub>3</sub> )	60% w/w
Sulphur (S)	24% w/w

## Section 3 | Heavy metals

Arsenic (As)	< 5mg/kg	Mercury (Hg)	< 0.02mg/kg
Cadmium (Cd)	< 2mg/kg	Lead (Pb)	< 2mg/kg
Chrome (Cr)	< 2mg/kg		

## Section 4 | Physical properties

Density	1.03 +/- 0.03g/cm <sup>3</sup>
pH	5.5 +/- 0.5 (in 5% solution)
Solubility	440g/L
Moisture	< 0.2%
Granulometry	Mean particle size: 1.1 +/- 0.2 mm < 0.5 mm : < 10% >2.0 mm: < 5%