

ALGAE SOLUTIONS

FoliaStim® Ultimate Liquid

September 2018

Origin: The Netherlands

Reach Reg.

Section 1 | Description

Brand name	Van Iperen FoliaStim® Ultimate Liquid
Chemical name	Liquid NPK mix with EDTA-chelated TEs and seaweed extract
Chemical formula	NPK 5 - 5 - 5 + TE + SW (w/w)
Appearance	Black liquid



Section 2 | Chemical composition

Total Nitrogen (N)	5% +/- 0.5% w/w 6.4% +/- 0.6% w/v
Ureic Nitrogen (N-NH ₂)	5% +/- 0.5% w/w 6.4% +/- 0.6% w/v
Phosphorus Pentoxide (P ₂ O ₅)	5% +/- 0.5% w/w 6.4% +/- 0.6% w/v
Potassium Oxide (K ₂ O)	5% +/- 0.5% w/w 6.4% +/- 0.6% w/v
Boron (B)	0.6% +/- 0.05% w/w 0.7% +/- 0.06% w/v
Copper (Cu), chelated by EDTA	0.2% +/- 0.02% w/w 0.3% +/- 0.02% w/v
Manganese (Mn), chelated by EDTA	0.6% +/- 0.05% w/w 0.7% +/- 0.06% w/v
Molybdenum (Mo)	0.05% +/- 0.005% w/w 0.06% +/- 0.006% w/v
Zinc (Zn), chelated by EDTA	0.6% +/- 0.05% w/w 0.7% +/- 0.06% w/v
Seaweed extract	15% +/- 1% w/w 19.2% +/- 1.3% w/v

Section 3 | Heavy metals

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

Section 4 | Physical properties

Density	1.28 +/- 0.02kg/L
pH	5 +/- 1
Crystallization temperature	-10°C