

## MICRONUTRIENTS

## Oligo Azoren Mix

June 2019

Origin: Poland

EC FERTILISER

Reach Reg.

## Section 1 | Description

|               |                                                          |
|---------------|----------------------------------------------------------|
| Brand name    | Van Iperen Oligo Azoren Mix                              |
| Chemical name | Physical mixture (blend) of EDTA chelated trace elements |
| Appearance    | White-green microgranules                                |

## Section 2 | Chemical composition

|                                  |                      |
|----------------------------------|----------------------|
| Magnesium Oxide (MgO)            | 1.1% +/- 0.2% w/w    |
| Boron (B)                        | 1.5% +/- 0.3% w/w    |
| Copper (Cu), chelated by EDTA    | 0.6% +/- 0.15% w/w   |
| Iron (Fe), chelated by EDTA      | 4% +/- 0.4% w/w      |
| Manganese (Mn), chelated by EDTA | 3% +/- 0.4% w/w      |
| Molybdenum (Mo)                  | 0.05% +/- 0.002% w/w |
| Zinc (Zn), chelated by EDTA      | 4% +/- 0.4% w/w      |

## Section 3 | Heavy metals

|              |            |               |             |
|--------------|------------|---------------|-------------|
| Arsenic (As) | < 0.1mg/kg | Mercury (Hg)  | < 0.01mg/kg |
| Cadmium (Cd) | < 2mg/kg   | Lead (Pb)     | < 5mg/kg    |
| Chrome (Cr)  | < 6mg/kg   | Chloride (Cl) | < 0.1%      |

## Section 4 | Physical properties

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| Density                    | 0.7 +/- 0.1g/cm <sup>3</sup>                                            |
| pH                         | 6 +/- 0.5 (in 1% solution)   6.5 +/- 0.5 (in 0.1% solution)             |
| Electric conductivity (EC) | 3 +/- 0.4mS/cm (in 1% solution)   0.34 +/- 0.05mS/cm (in 0.1% solution) |
| % nutrients chelated       | 100%                                                                    |