

# Micromix<sup>®</sup> KN

Reg. No. B2592, Act No. 36 of 1947  
Namibian Reg. No. N-F 1967

## WATER SOLUBLE MICRONUTRIENT MIXTURE

### FERTILIZER GROUP 2

**MICROMIX KN** contains a balance of micro-elements as well as magnesium, sulphur, nitrogen and potassium.

#### **COMPOSITION:**

|                      |           |
|----------------------|-----------|
| Nitrogen (N).....    | 30.0 g/kg |
| Potassium (K).....   | 19.3 g/kg |
| Magnesium (Mg).....  | 52.2 g/kg |
| Sulphur (S).....     | 70.0 g/kg |
| Iron* (Fe) .....     | 11.7 g/kg |
| Manganese* (Mn)..... | 5.2 g/kg  |
| Copper* (Cu).....    | 2.1 g/kg  |
| Boron (B).....       | 20.0 g/kg |
| Zinc* (Zn).....      | 10.5 g/kg |
| Molybdenum (Mo)..... | 2.3 g/kg  |

\*EDTA Chelated micro elements

#### **Contents:**

**1 Metric Tonne; 1 000 kg ; 25 kg;20 kg ;10 kg; 5 kg; 1 kg;**



**DANGER**

#### **GHS HAZARD STATEMENTS**

May damage fertility.

May damage unborn child.

#### **GHS PRECAUTIONARY STATEMENTS**

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.



#### **Registration Holder:**

**Nulandis<sup>®</sup> (A division of AECI Limited)**

Reg. No. 1924/002590/06

P.O Box 14418 Witfield, 1467

14 Field Road (Cnr Bird Street) Lilianton, 1459

Tel: (011) 823-8000

[www.aeciph.com](http://www.aeciph.com) / [www.aeciworld.com](http://www.aeciworld.com)

**Micromix<sup>®</sup>** is a registered trademark of AECI<sup>®</sup> Limited

Batch no.:

UN No. **Not regulated**

**RELEVANT SUBSTANCES:**

| Substance name<br>(IUPAC/EC) | Concentration<br>% by weight | Classification                                                                      |
|------------------------------|------------------------------|-------------------------------------------------------------------------------------|
|                              |                              | EC1272/2008                                                                         |
| Potassium nitrate            | 1-20 %                       | Oxidising solid (Category 3) H272.                                                  |
| Chelate copper (cu)          | 1-5%                         | Skin irritation (Category 2) H315. Eye irritation (Category 2) H319. STOT SE 3 H335 |
| Boric acid                   | 10-15%                       | Reproductive toxicity (Category 1B) H360 FD.                                        |

**NOTE:** The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **Micromix KN** and are therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

**MICROMIX KN** has been designed to:

- Correct severe micronutrient deficiencies
- Maintain adequate levels of micro-nutrients in the growing plant, especially during periods of peak requirement

The use of **MICROMIX KN** is particularly effective for:

- A wide range of soil chemical conditions since the metallic micronutrients are chelated
- High yielding crops with a heavy crop set, i.e. tomatoes, potatoes, beans, cotton, etc.

**DIRECTIONS FOR USE:** USE ONLY AS DIRECTED

**FOLIAR SPRAY** - Apply using a fine spray nozzle in a minimum of 75 ℓ spray mixture/ha.

**SOIL APPLICATION** - Apply as a pre-plant broadcast or corrective row application as a coarse spray and incorporate with a follow-up irrigation.

**FERTIGATION** - Apply via a fertilizer injector, which has been calibrated to deliver the correct rate of application/ha.

**COMPATIBILITY:**

The compatibility of **Micromix KN** has not yet been proven with agricultural remedies. Its compatibility with other products may be influenced by several factors. As certain factors may vary from farm to farm, a physical compatibility test must always be performed before such a tank mixture is sprayed. For more information on compatibility or in the event of uncertainty, contact your local AECI Plant Health Crop Adviser. It is recommended to do a compatibility test on a small area and observe the treated area for 3 days before doing commercial applications.

**APPLICATION TABLE:**

| <b>CROP</b>                                | <b>APPLICATION</b>            | <b>RECOMMENDATION</b>                                                                                                      |
|--------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Field crops,<br>Vegetables,<br>Ornamentals | 2 to 4 kg/ha                  | Use the higher rate of <b>MICROMIX KN</b> in situations where severe deficiencies occur and repeat at 10-14 day intervals. |
| Fruit Trees                                | 1 to 5 kg/ha<br>(100 g/100 ℓ) | Do not exceed 0.1% (100 g/100 ℓ) as a spray. Apply at 14-day intervals if necessary.                                       |

# MICROMIX® KN

## WATER OPLOSBAAR MIKRO-ELEMENT MENGSEL

Reg. Nr. B2592, Wet Nr. 36 van 1947

Namibië Reg. Nr. N-F 1967

### MISSTOF GROEP 2

**MICROMIX KN** bevat 'n gebalanseerde hoeveelheid mikro-elemente asook magnesium, swael, stikstof en kalium.

#### SAMESTELLING:

|                     |           |
|---------------------|-----------|
| Stikstof (N).....   | 30.0 g/kg |
| Kalium (K).....     | 19.3 g/kg |
| Magnesium (Mg)..... | 52.2 g/kg |
| Swael (S).....      | 70.0 g/kg |
| Yster* (Fe).....    | 11.7 g/kg |
| Mangaan* (Mn).....  | 5.2 g/kg  |
| Koper* (Cu).....    | 2.1 g/kg  |
| Boor (B).....       | 20.0 g/kg |
| Sink* (Zn).....     | 10.5 g/kg |
| Molibdeen (Mo)..... | 2.3 g/kg  |

\*Gecheleerde mikro-elemente

#### INHOUD:

**1 Metric Ton; 1 000 kg ; 25 kg;20 kg ;10 kg; 5 kg; 1 kg;**

Lotnommer.:

VN Nr. Nie gereguleer nie



**GEVAAR**

#### **GHS GEVAARSTELLINGS**

Mag vrugbaarheid of die ongebore kind beskadig.

#### **GHS VOORSORGSTELLINGS**

Was deeglik na hantering.

Moet nie eet, drink of rook gedurende hantering van produk nie.



#### Registrasiehouer:

**Nulandis® ('n Afdeling van AECI Beperk)**

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Posbus 14418 Witfield, 1467

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**Micromix®** is die geregistreerde handelsmerk van AECI® Beperk

**RELEVANTE STOWWE:**

| Naam van stowwe (IUPAC/EC) | Konsentrasie % per gewig | Klassifikasie                                                                    |
|----------------------------|--------------------------|----------------------------------------------------------------------------------|
|                            |                          | EC1272/2008                                                                      |
| Kalsium nitraat            | 1-20 %                   | Oksideer solied (Kategorie 3) H272.                                              |
| Koper Chelaat (cu)         | 1-5%                     | Velirritasie (Kategorie 2) H315. Oogirritasie (Kategorie 2) H319. STOT SE 3 H335 |
| Boorsuur                   | 10-15%                   | Reproduktiewe toksisiteit (Kategorie 1B) H360 FD.                                |

**NOTA:** Die ander bestanddele wat nie hierbo gelys is nie, veroorsaak of dra nie by tot die korrekte GHS klassifikasie van **MICROMIX KN** nie en is daarom, in terme van die Suid-Afrikaanse Regulasies vir "Hazardous Chemical Agents" 2021; Regulasie 14(b) nie gelys nie.

**MICROMIX KN** is ontwerp om:

- Ernstige mikro-elemente tekorte op te hef
- Optimale mikro-elementvlakke in die plant te handhaaf veral tydens piek periodes van mikro-elementonttrekking

**MICROMIX KN** word met groot welslae onder die volgende toestande toegedien:

- 'n Wye reeks van grond chemiese toestande aangesien die metaalkatione gecheleer is
- Hoë opbrengs-gewasse met 'n hoë biomassa-onttrekking bv. tamaties, aartappels, bone, katoen, ens.

**GEBRUIKSAANWYSINGS:** GEBRUIK SLEGS SOOS AANGEDUI

**BLAARVOEDING** - Gebruik 'n fynsproei-spuitpunt met 'n minimum van 75 l spuitmengsel/ha.

**GRONDTOEDIENING** - Dien breedwerpig toe of as 'n korrektiewe rytoediening d.m.v. 'n growwe sproei en werk in met 'n opvolg besproeiing.

**SPROEIBEMESTING** - Dien toe d.m.v. 'n kunsmis-inspuitter wat korrek gekalibreer is vir die regte hoeveelheid/ha.

**VERENIGBAARHEID:**

Die verenigbaarheid van **Micromix KN** met landboumiddels is nog onbekend. Die verenigbaarheid met ander produkte kan deur verskeie faktore beïnvloed word. Omdat hierdie faktore van tyd tot tyd kan varieër moet 'n fisiese mengbaarheidstoets eers uitgevoer word, voordat enige tenkmengsel gespuit word. Vir verdere inligting rakende die verenigbaarheid van die produk of in die geval van onsekerheid, kontak u plaaslike AECI Plant Health Gewasadviseur. Dit word egter aanbeveel dat 'n toets op 'n klein area gedoen en gemonitor word vir 3 dae, voordat enige kommersiële toedienings gedoen word.

**TOEDIENINGSTABEL:**

| <b>GEWAS</b>                           | <b>TOEDIENING</b>              | <b>AANBEVELING</b>                                                                                                          |
|----------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Veldgewasse,<br>Groente,<br>Sierplante | 2 tot 4 kg/ha                  | Dien die hoër dosis van <b>MICROMIX KN</b> toe sodra ernstige tekorte voorkom met 'n 10 tot 14-dae tussenpose.              |
| Vrugtebome                             | 1 tot 5 kg/ha<br>(100 g/100 ℓ) | Moenie 0.1% (100 g / 100 ℓ) konsentrasie as 'n blaartoediening oorskry nie. Dien toe met 14-dae tussenposes indien benodig. |