



**PRODUCT INFO  
& DATASHEET**

CHELASTAR MIX OF TRACE ELEMENTS + AMINO ACIDS

## **CHELASTAR MAE PREMIUM MIX**

**CHEMICAL MIX OF Fe & Mn & Zn EDTA CHELATES & AMINO ACIDS**

### **1. INTRODUCTION**

The CHELASTAR EDTA line of CHELASTAR PREMIUM MIX trace elements are **produced using a unique patented micro-granulation process**. This method guarantees a strawberry-shaped microgranule that is free flowing, dust-free and caking-free, and easily soluble. The same counts for our single element micro nutrient and physical mixes.

**As probably Belgium's main specialist in chelated micronutrients, SAP International Corporation offers also a line of trace element mixes, next to its line of single element micronutrients.** This line of products contains a set of chemical mixtures of trace elements (compounds) and of physical mixtures of trace elements (blends).

Where required macronutrients and/or additives as amino acids and humic acids can be added to our blends of trace elements.

Mainly used for nourishing plants in fertigation systems and as an ingredient for NPK's. EDTA chelates will not injure leaf tissue, which makes the product also ideal for foliar spraying.

### **2. PRODUCT SPECIFICATIONS**

#### **a) Description**

Brand name	: CHELASTAR MAE PREMIUM MIX
Chemical name	: Chemical mix of chelated trace elements + Amino Acids
Appearance	: Brown-reddish microgranules

#### **b) Chemical composition**

Iron (Fe), EDTA chelated	: 6.0%
Manganese (Mn), EDTA chelated	: 4.0%
Zinc (Zn), EDTA chelated	: 3.0%
Amino Acids	: 6.0%

#### **c) Physical properties**

Density	: 0.75 +/- 0.1 g/cm <sup>3</sup>
pH	: 8.0 +/- 1.0 (in 1.0% water solution)
Electronic Conductivity (EC)	: 3.4 +/- 0.2 mS/cm (at 20 °C in 1.0% water solution)
Percentage of nutrients chelated	: 100%