



PRODUCT INFO  
& DATASHEET

## **SICOCHEL® Ca 9.5%-EDTA** *EDTA chelate, containing 9.5% Calcium as Ca*

### PRODUCT DESCRIPTION

#### **1. PRODUCT TYPE**

Secondary nutrient fertiliser.

#### **2. CHEMICAL DATA**

- 2.1. Description:** Calcium ethylenediamine tetra acetate, disodium salt (CaEDTA Na<sub>2</sub>)
- 2.2. Typical Analysis:** 9.5% calcium (as Ca)
- 2.3. Analytical Method:** Available on request.

#### **3. PHYSICAL DATA**

- 3.1. Appearance:** White spray agglomerated microgranule.
- 3.2. Solubility (in water):** ≈ 300g/l (at 20°C)

#### **4. STORAGE**

Will store indefinitely under normal conditions. For user convenience, it is recommended that the product is stored in a dry place. Partly used containers should be resealed tightly.

#### **5. PACKAGING**

- 1) 1 kg boxes, packed ten to a case
- 2) 25 kg fibreboard drums.

### PRODUCT USE

#### **1. FOLIAR APPLICATION**

**SICOCHEL® Ca EDTA** should be dissolved in a convenient volume of water to suit the spraying machine being used and the target crop leaf area. The following points should be observed:

1. The sprayer should be fitted with nozzles that produce a fine mist.
2. Only sufficient spray solution should be applied to coat the leaves and stems with a film of moisture with little or no "run off".
3. Spraying should be carried out on a calm day BUT NOT DURING STRONG SUNSHINE OR HIGH TEMPERATURES. The best time is late afternoon or evening.
4. If rain is imminent, spraying should be postponed. If rain falls within 4 hours of spraying, the crop should be re-sprayed 3 or 4 days later.

**Fruit crops: DO NOT APPLY SICOCHEL® Ca EDTA TO ANY FRUIT CROPS AS A FOLIAR SPRAY!**

#### **1.1. Rates of Use**

<b>Crop</b>	<b>Rate of Use (kg/ha)</b>	
General crops	Severe deficiency	2.0
	Slight deficiency/ Maintenance	1.0

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**1.2. Water volume:** the amount of **SICOCHEL® Ca EDTA** to be applied should be mixed with a volume of water appropriate to the crop leaf area of the type of spraying machine being used.

Arable crops: 200 - 600 litres per hectare.

NB. Do not exceed a solution concentrate of 0.1% (100 grams per 100 litres of water).

**1.3. Wetting Agent:** Unless **SICOCHEL® Ca EDTA** is to be applied with a pesticide containing sufficient wetter, a non-ionic wetting agent such as 'CHELSORB' should be added at the recommended dose rate.

**1.4. Small Scale Use:** For example using a knapsack sprayer. Prepare a 0.05 - 0.1% (0.5 - 1.0 gram per litre) solution and apply so as to coat the leaves and stems with a thin film of moisture with little or no run-off.

## **2. SOIL APPLICATION**

Please contact your supplier for appropriate recommendations.

## **3. GENERAL INFORMATION**

**SICOCHEL® Ca-EDTA** gives best results when crops have adequate supplies of water and major nutrients and are not under stress for any other reason. Conditions, which are responsible for one particular deficiency, can also induce deficiencies of other micronutrients. Always ensure that deficiencies are confirmed before treatment is carried out.

**Mixing with water:** Simply add the powder to water while it is being agitated, do not pre-mix. Continue agitation for a short while to ensure complete dissolution.

**Compatibility:** **SICOCHEL® Ca-EDTA** is compatible with all other SICOCHEL chelates and many crop care chemicals. They are also fully compatible with solutions containing soluble phosphates such as liquid feeds and foliar fertilisers.

## **4. STATUTORY CAUTION**

To be used only where there is a recognised need. Do not exceed the appropriate dose rate.

## **HEALTH AND SAFETY**

Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant Health and Safety information sheet.

## **TRADEMARKS**

SICOCHEL® is a trademark of Sap International Corporation nv/sa

## **WARRANTY**

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. Sap International cannot accept any responsibility for loss or damage or infringement of patent rights that may result from the use of information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability of the products with their own tests. Any dimensions shown are approximate.