



Solufeed Mn 13 EDTA

Chelated manganese fertiliser

*Highly effective and compatible
microgranular formulation of
Mn EDTA*

Description

Solufeed Mn 13 EDTA is a highly stable, top quality, chelated manganese fertiliser for safe, efficient and convenient prevention and correction of manganese deficiency. Supplied as free-flowing, dustless and soluble microgranules.

Iron and manganese deficiencies are caused by very similar factors and often affect susceptible crops and the same time, **Solufeed Mn 13 EDTA** can be mixed with Solufeed iron chelates for simultaneous correction.

Usually applied in solution as a liquid feed but also suitable for careful foliar spraying.

Compatible with soluble phosphates, thereby remaining effective in hydroponic and liquid feed systems.

Excellent environmental and regulatory credentials.

Analysis

EC FERTILISER

A spray agglomerated microgranule formulation of manganese ethylenediamine tetraacetate (Mn EDTA) containing:

Water soluble Mn:	13%
Mn chelated by EDTA:	min 12.5%

Practical pH stability range: 4 – 9 (in aqueous solution)

Appearance: Off white granule
Solubility: ~300 g/l (in water @ 20°C)

Directions for use

Foliar Application

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.

The following points should be observed:

1. The sprayer should be fitted with a nozzle(s) 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.

Important note

Do not exceed a solution of 0.1% (1gram per litre) for any one or combination of *Solufeed* chelates. Some plant varieties and cultivars can exhibit unpredictable sensitivity to EDTA chelates. Where local experience of successful use is not available, we strongly recommend small-scale test applications before widespread use.

Soil Application

Prepare a 0.1 – 0.2 % (1.0 – 2.0 grams per litre) solution and apply as a soil drench at 1.0 – 2.0 litres per square metre. Avoid contact with foliage.

Hydroponics

1ppm (18.18µmol/L) manganese can be achieved by adding 7.7 grams of **Solufeed Mn 13 EDTA** per 1000L of solution.

General information

Solufeed Mn 13 EDTA gives best results when crops have adequate supplies of water and major nutrients and are not under stress for any other reason. Conditions that 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.

Technical service

Please contact Solufeed at the address below for assistance.

Packaging 1 kg re-closable carton

Precautions

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

Avoid prolonged exposure with the skin and wash hands after use.
Keep away from children, pets and other domestic animals.
Store in original resealed packaging in a safe dry place.

Always read the label on the product you purchase before use.

Detailed health and safety information may be found on the relevant Material Safety Data Sheet (MSDS) available on request from the address below.

Important

The information in this document has been prepared carefully and is provided in good faith. The application, use and processing of any material together with regulatory compliance is the absolute responsibility of the Buyer. All technical information or other advice provided by the Seller in any form is given without warranty to the full extent provided by law.

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Solufeed Ltd
The Depot
Chichester Road
Sidlesham Common
Chichester
West Sussex PO20 7PY
Tel: +44(0)1243 554090
enquiries@solufeed.com
www.solufeed.com