Dissolvine Mn13

Application

In agriculture and in horticulture as foliar feed, in hydroponics or in soil applications.

Specifications

Item	Specification Method of analysis available on request
Appearance	Off-white microgranules
pH (1% solution)	6 - 7
Manganese (Mn) content, typical*	12.8%
Manganese (Mn) content, minimum	12.5%
Level of chelation	fully

Product meets requirements for an EC-fertiliser
* EC-fertiliser label value.

Main Characteristics

Dissolvine Mn13 is a stable, water-soluble and non-dusting manganese chelate; Manganese is chelated by EDTA.

Item	Characteristic
Stable within pH	3 - 10
Bulk density untapped	approx. 600 - 800 kg/m^3
Solubility in water	approx. 800 g/l (20 °C), 1,200 g/l (80 °C)

Packing

Packing 1 Kg and 20 Kg

Chemical Name

Ethylenediaminetetraacetic acid manganese-disodium complex; EDTA-MnNa2

Chemical Formula

$C_{10}H_{12}N_2O_8MnNa_2$

Molecular Weight

389.1

Environmental Aspects

Inherently biodegradable. Rapid biodegradation under slightly alkaline conditions.
Chemical oxygen demand (C.O.D.): approx. 500 mg/g

Structure