



**S-Chelate Plant Nutrition**  
Biologically Friendly Chelates



For Use with Organic Crops

## PRODUCT DATA SHEET

### **S-Chelate-O Mg** **Water Soluble Powder**

**Chelated Magnesium(Mg) ..... 8% minimum**

This is the level of Magnesium quoted as an element not as an oxide or any other compound

**Application Rate:1-2kg/Ha in 200-300 litres of water**

**BIOLOGICALLY FRIENDLY ENOUGH TO BE  
SOIL ASSOCIATION APPROVED FOR USE WITH  
ORGANIC CROPS**

#### **PHYSICAL PROPERTIES**

**Water soluble Chelated Magnesium micronutrient powder**

**pH of 1% solution in water - 2.5**

**Alkali resistance of 1% solution in water - >20ml 0.1M Sodium Hydroxide**

**Precipitation pH - >11**

**Particle Size - 95% < 2.36mm**

**Appearance - White powder**

**Bulk Density - 0.9 g/cm<sup>3</sup>**

**Odour - slight odour**

**Packing: 5kg PE lined steel pails**

***S-Chelate™ technology***  
***Chemistry not Mystery***  
***Made in the UK***

8<sup>th</sup> February 2021

S-Chelate Plant Nutrition is the agricultural business unit of Align Chemical Ltd  
Align Chemical Limited, Registered in England and Wales, no 6335052  
Registered Office: 29 Milton Lawns, Amersham, Bucks, HP6 6BJ  
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## **GENERAL GUIDANCE FOR USE OF THIS PRODUCT**

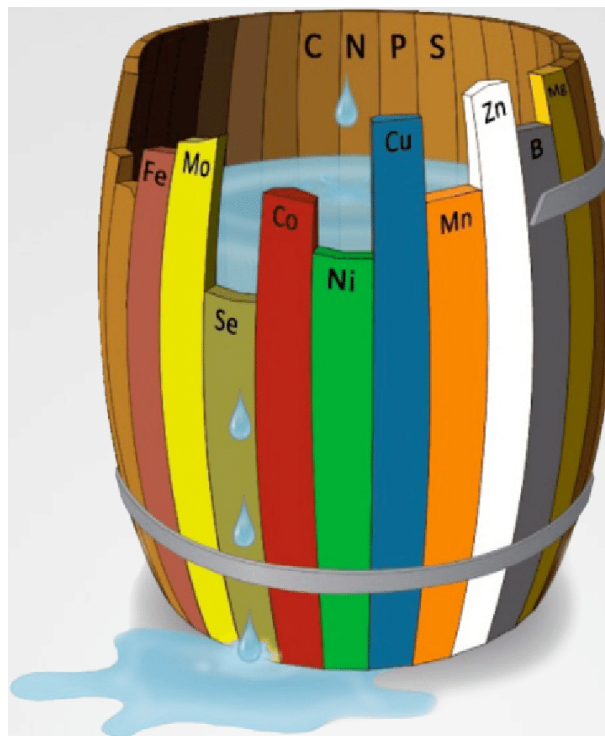
Please carry out soil and tissue tests to guide your use of this product.

Liebig's barrel reminds us that plant growth will be limited by a deficit of any one of the elements essential to growth.

It may be that your plants would benefit from one of our multiple element combinations. S-Chelate chelation technology has been developed to enable each mineral cation to be highly biologically available and biologically friendly.

Please see our website [www.s-chelate.com](http://www.s-chelate.com) for how we measure the wide bioavailable pH ranges and examples of plants that have benefitted.

### **Liebig's Barrel**



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**PLEASE READ OUR SAFETY DATA SHEET BEFORE USING THIS  
PRODUCT**