



**PRODUCT INFO  
& DATASHEET**

# **EPSO COMBITOP<sup>®</sup>**

## **MAGNESIUM SULPHATE WITH MICRO-NUTRIENTS**

### **13% MgO + 34% SO<sub>3</sub> + 4% Mn + 1% Zn**

*- E.C. Fertiliser -*

### **1/ PRODUCT DESCRIPTION**

Magnesium Oxide (MgO)	13%, water soluble (7.8% Mg)
Sulphur Trioxide (SO <sub>3</sub> )	34%, water soluble (13% S)
Manganese (Mn)	4%, water soluble
Zinc (Zn)	1%, water soluble

### **2/ CHEMICAL ANALYSIS**

	<u>Typical</u>	<u>w</u>
Magnesium Sulphate Heptahydrate (MgSO <sub>4</sub> ·7H <sub>2</sub> O), calculated as MgSO <sub>4</sub> )	41.7	%
Water of crystallisation (H <sub>2</sub> O)	44.6	%
Manganese Sulphate (MnSO <sub>4</sub> )	11.2	%
Zinc Sulphate (ZnSO <sub>4</sub> )	2.4	%
K <sub>2</sub> SO <sub>4</sub> , CaSO <sub>4</sub> , KCl, NaCl	0.1	%

### **3/ GRANULOMETRY**

	<u>Typical</u>	<u>w</u>
< 1.0 mm	70	%
d50 (mm)	0.6	
Bulk density	ca. 1,050 kg/m <sup>3</sup>	
Bulk density (packed)	ca. 1,200 kg/m <sup>3</sup>	
Angle of repose	ca. 34°	

### **4/ PHYSICAL PROPERTIES**

pH (5% solution): ca. 4 at 25° C.  
 Solubility in water: w (Magnesium Sulphate with micro-nutrients) = 50% at 20° C. (68° F.)  
 Readily soluble, practically without residues; always vigorously stir the salt into water or solution.

### **5/ STORAGE**

Store at a cool and dry place. Excessive storage pressure and large temperature fluctuations can result in caking, which can be broken up by pounding of the bags.

### **6/ APPLICATION**

Magnesium Sulphate with micro-nutrients is a fast acting and efficient foliar treatment to prevent and correct visible and sub-clinical Magnesium, Sulphur, Manganese and Zinc deficiencies, thus improving yield and quality. When tank-mixed with other fertiliser and/or agrochemicals, then manufacturers instructions should always be followed. Magnesium Sulphate with micro-nutrients should always be admixed before other agrochemicals are added. Our product is made from crude potassium salt of natural origin and is permitted for use in organic farming according to the Regulations (EC) No 834/2007 and (EC) No 889/2008.

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