



**PRODUCT INFO
& DATASHEET**

PRIMO-OLIGO –L COPPER

Complexed Copper 5% w/w (liquid)

Suitable for use in organic agriculture.

7/2019

1/ PRODUCT DESCRIPTION

PRIMO-OLIGO –L COPPER is a liquid with a high concentration in copper used to prevent and correct copper deficiencies. Its high solubility and special formulation enhance plant uptake, making it more bioavailable for the plant. Because chelates enter the plant easily, they are extremely useful for rapidly correcting nutrient deficiencies.

This product is available for use in organic agriculture according to Council Regulation (EC) No 834/2007 of June 27 on organic production and labelling of organic products, subsequent amendments and extension.

PRIMO-OLIGO –L COPPER as a copper product exercises certain preventive controls on endoparasitic fungi and bacteria due to the fungicidal and bacterial actions of the micronutrient.

Furthermore, its use as a defoliant in certain crops (e.g. fruit trees) is recommended. This causes premature leaf fall, accelerating the entry of the crop into dormancy to anticipate pruning. It's an ideal product to complement NPK fertilizers. It can be applied by fertirrigation and foliar application. The product does not cause any burns or phyto-toxicity on the surface of the leaves or to the root system. Foliar applications have been carried out in tomato and cucumber crops, with fruit and no spot or damage has been detected. Anyhow, foliar application test is recommended before application.

PRIMO-OLIGO –L COPPER is compatible with the majority of fertilisers and phyto-sanitary products normally used. It should not be mixed with alkaline reactive products. It is recommended to perform a jar test before mixing.

2/ PRODUCT SPECIFICATIONS

* CHEMICAL COMPOSITION

Water soluble Copper (Cu) 100% complexed 5.0% w/w; 6.1% w/v

* CHARACTERISTICS & PHYSICAL PROPERTIES

Molecular Formula	: C12H22O14Cu	Aspect	: green dark transparent liquid
Molecular weight	: 453.8	pH (10%) aqueous solution	: 3.5 – 4.5
		Density	: 1.22 – 1.28 g/cc

3/ RECOMMENDED APPLICATIONS & DOSING INSTRUCTIONS

* DOSAGES

Dosages specified below are general recommendations. Dosage depends on crop, crop stage, application type and soil type. If any doubt, consult your qualified agronomist.

* Fertirrigation :

Crop	Applications
Horticultural Crops	4-9 l/ha, 3-4 applications
Fruit trees, olives and vineyards	6-12 l/ha, 3-4 applications

Some fruit tree varieties and ornamental crops are sensible to copper.

* Foliar application:

Crop	Applications
Fruit and Citrus Trees	150-250 cc/hl, 2-3 applications
Horticultural Crops	150-300 cc/hl, 3-4 applications depending on crop stage and deficiency
Olive	200-300 cc/hl, 2-3 applications
Vineyards	200-300 cc/hl, during vegetative stage

To be used only where there is recognized need. Do not exceed the appropriate dose rates. Respect the use conditions.

4/ SHELF LIFE

2 years if properly stored, dry, away from direct sunlight.

5/ PACKING

Bottles of 1 lt, 5 lt, 20 lt and 1000 lt IBC. Consult with commercial department for other kind of packaging.

SAP INTERNATIONAL CORPORATION bvba guarantees the contents and formulation indicated in the datasheet and label, but not mixtures or manipulations carried out with the product. In case of mixture or combination with other products it should be previously tested for compatibility.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : info@sico.be Website : www.sico.be

SICO FERTILISERS
 EVERY TIME THE *right* SOLUTION