

# CHELAL® KUBIG

FERTILISER FOR FOLIAR APPLICATIONS, NF U 42-003-2

**Chelated Copper – liquid for foliar applications**

*Guaranteed Analysis (percentage by weight):*

Water-soluble Copper (Cu): 8.0 %

Copper (Cu): 8.0 % Chelating agents: TEPA, TETA and DETA.

Chelating agent content: 8,0 % TEPA, 6,1 % TETA and 4,3 % DETA

Fertiliser containing a trace element - To be used only where there is a recognised need.

Do not exceed the appropriate dose rates.

**Product in accordance with French legislation (NF U 42-003-2) and EU-regulation 2019/515**

## Warning

**ATTENTION: using this product on drupes may cause damage.**

## Recommendations

Do not exceed the maximum concentration of 1 % (= 1 L CHELAL® KUBIG in 100 L water). Maximum concentration in greenhouse: 0.3 % (= 300 cc in 100 L water). For foliar applications avoid high temperatures and bright sunshine. Treat preferably during early morning or late evening.

## Applications

Consult our crop-related programs.

Foliar applications: Use 1 to 1.5 L per hectare. If necessary, repeat this treatment.

Total maximum applicable quantity of copper shall not exceed

100 kg/ha in 10 years; copper applied on fodder-plants: maximum yearly doses: 5 kg/ha.

## Characteristics

The copper in CHELAL® KUBIG is completely chelated and the product was conceived for foliar applications only.

CHELAL® KUBIG is a positively charged chelate and thus guarantees a slow and continuous copper absorption. CHELAL® KUBIG is a copper-based fertiliser.

The specific nature of CHELAL® KUBIG allows for the copper to be incorporated in SAR-proteins (SAR: systemic acquired resistance) and hence to increase the plant's self-defence. CHELAL® KUBIG stimulates the natural self-defence mechanism of the plant.

Copper takes part in the biosynthesis of lignins and consequently increases the physical resistance of the plant. It also is part of polyphenoloxidase, an enzyme regulating the equilibrium between plant hormones and acting in cell lignification, fruit colouring and - above all - increasing the plant's self-defence against external attacks. Moreover, copper activates the synthesis of phytoalexins. Copper is an integrated part of proteins that form Systemic Acquired Resistance in the plant.

Attention: since copper can have a toxic action and substantial amounts of applied copper can affect plant growth negatively, application doses and maximum concentration - as indicated on the label - should be respected.

## Precautions

- ATTENTION: using this product on drupes may cause damage.
- wash hands thoroughly after handling; do not drink, eat or smoke during handling.
- if swallowed, seek medical assistance.
- in case of contact with eyes, rinse with plenty of clean water.
- store in a cool, dry place, out of reach of children and animals and far away from food products. Always keep the product in its original container.
- store the product at a temperature between 40°F and 90°F (= 5°C - 30°C).

## Miscibility

CHELAL® KUBIG is miscible with most pesticides and herbicides. Avoid mixing with oil-based products. It is advisable to conduct a miscibility test before application. In case of doubt, consult our technical service.

## **Preparation of the solution**

Sometimes a light sediment can appear on the bottom of the can. This sediment is soluble in water. Shake well before use. Pour CHELAL® KUBIG into the sprayer tank while filling with water. Continue stirring until the solution is applied.

## **Warranty**

The liability of the manufacturer is limited to delivery of the product in its original container in conformity with the guaranteed analysis, as indicated on this label. The manufacturer is not responsible for inappropriate or inaccurate use of the product nor for damage caused by weather conditions, soil characteristics or special sensitivity of crops and varieties. In no case shall BMS Micro-Nutrients be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. BMS Micro-Nutrients makes no warranties of merchantability of fitness for a particular purpose nor any other express or implied warranty except as stated above.

## **Contact**

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