

# ADOB® Cu(NH<sub>4</sub>)<sub>2</sub> EDTA – 15.5%











## Characteristics

ADOB® Cu(NH<sub>4</sub>)<sub>2</sub> EDTA – 15.5% is a specialty fertiliser, specifically designed to supply highly available copper cations to plants in moderate pH conditions. Owing to a patented production process, ADOB® Cu(NH<sub>4</sub>)<sub>2</sub> EDTA – 15.5% is characterised by several unique properties. The entire concentration of copper in the product (15.5% w/w) is 100% chelated by **EDTA**, making it completely effective and fully available to plants. The fertiliser is formulated as fully water-soluble, free-flowing micro-granules without any impurities or dust. Due to the “raspberry” shape of the micro-granules, the product is not hygroscopic and is self-soluble, with no mixing required. The solubility of the product is 1,700g/l at 20°C. Since the production process does not include the use of any sulphates, chlorides or nitrates, the material is anion-free.

The additional advantage of ADOB® Cu(NH<sub>4</sub>)<sub>2</sub> EDTA – 15.5% is that the product is also sodium-free, which is especially important in greenhouses and areas with higher salinity. Consequently, there is no risk of sodium build-up, while at the same time the nitrogen contained in the product (N-NH<sub>4</sub> at 6.8% w/w) is fully plant-available. This product serves as an effective source of copper and is mainly recommended for foliar application, hydroponics and fertigation. It is recommended for preventive and corrective fertilisation in all agricultural and horticultural crops.

Copper functions as a highly active element in redox reactions, participating in photosynthesis, respiration, carbon and nitrogen metabolism, and protection against oxidative stresses. It is a crucial factor in the appropriate lignification process of cell walls, especially the xylem vessels throughout the plant, as well as in pollen formation and seed-set. ADOB® Cu(NH<sub>4</sub>)<sub>2</sub> EDTA – 15.5% ensures quick correction of copper deficiency and treats the physiological disorders it causes (such as reduced redox activities, distortion of young leaves, bending and twisting of stems and twigs, impaired flower and fruit formation, pollen sterility and reduced seed-set).

-  CE fertiliser
-  microgranular
-  **EDTA** chelated
-  100% chelated Cu
-  fast dissolution and complete solubility
-  sodium – free
-  improved stress tolerance
-  fast and efficient Cu uptake

## Composition

Composition – ADOB® Cu(NH<sub>4</sub>)<sub>2</sub> EDTA – 15.5%

Nutrients	Symbol	Content [% w/w]	Form
Copper	Cu	15.5	chelated by <b>EDTA</b>

*Contains nitrogen (N).  
Stability of the chelated fraction guaranteed at pH range 4-9.*



Packaging:  
1, 3, 5, 25, 1000 kg



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