

Cupramel 25

Copper (II) Sulphate pentahydrate Free flowing powder
(CuSO₄ · 5H₂O)



▪ Properties

Appearence	Blue free-flowing powder
Classification	Additive consisting of a preparation for the feed industry. Nutritional additive, trace-element compound.
Composition	Nutritional additive trace element Copper(II) sulfate pentahydrate 3b405 : Copper (Cu) : 25% (typical value) Technological additive anti-caking agent Silicic acid, precipitated and dried E551
Particle size	97% < 0.6 mm

▪ Chemical analysis

Cu	25% ± 1	Pb - Lead ⁽¹⁾	< 100 ppm
AS - Arsenic ⁽¹⁾	< 50,0 ppm	Dioxins ⁽¹⁾	< 1 ng/kg i-TEQ
Cd - Cadmium ⁽¹⁾	< 10,0 ppm	Dioxins and dioxin-like PCBs ⁽¹⁾	< 1,5 ng/kg i-TEQ
Hg - Mercury ⁽²⁾	< 0,5 ppm	Non-dioxin-like PCBs ⁽¹⁾	< 10 µg/kg i-TEQ

1) According to directive 2002/32/CE and amendments.

2) According to AFCA-CIAL recommendations.

▪ Usage information

Directions for use	<p>Can be used in feed for all animal categories at a maximum content of copper (Cu) in mg/kg in the complete feed with 12% of moisture :</p> <ul style="list-style-type: none"> Bovines before the start of rumination: 15 (total). Other bovines: 30 (total). Ovines: 15 (total). Caprines: 35 (total). Piglets: suckling and weaned up to 4 weeks after weaning: 150 (total) / from 5-th week after weaning up to 8 weeks after weaning: 100 (total). Crustaceans: 50 (total). Other animals: 25 (total). <p>Copper(II) sulphate pentahydrate may be placed on the market and used as an additive consisting of a preparation. The additive shall be incorporated into feed in the form of a premixture.</p>
Contra-indications and warnings	<p>Shall not be used in water for drinking. For users of the additive and premixtures, feed business operators shall establish operational procedures and appropriate organisational measures to address the potential risks by inhalation, dermal contact or eyes contact, in particular due to the content of heavy metals including nickel.</p> <p>Where risks cannot be reduced to an acceptable level by these procedures and measures, the additive and premixtures shall be used with appropriate personal protective equipment.</p> <p>Mandatory information on the labeling of feed containing copper :</p> <ul style="list-style-type: none"> For feed for ovines if the level of copper in the feed exceeds 10 mg/kg: The level of copper in this feed may cause poisoning in certain breeds of sheep. For feed for bovines after the start of rumination if the level of copper in the feed is less than 20 mg/kg: The level of copper in this feed may cause copper deficiencies in cattle grazing pastures with high contents of molybdenum or sulphur.

▪ Other information

Packaging	Bags of 25 kg Big Bag of 1250kg
Storage	Store away from heat sources and humidity. Shelf life : 24 months after manufacturing in original packaging



α FR 56024003