



PREMIUM QUALITY COPPER SULPHATES

ex Russia

03/2015

SAP International Corporation bvba offers to its customers :

- * feedgrade copper sulphate with low content of heavy metal impurities, dioxins, dibenzofurans and polychlorodiphenyls as an ingredient of premixes and mixed fodders or as feed additive for use in animal breeding.
 - * copper sulphate of high quality, practically of reactive chemical purity for use as a chemical reagent in galvanoplasty and different industrial sectors.
 - * technical copper sulphate as a copper-bearing material, as a flotation agent in mining, as fungicide in plant growing and as algicide in water industry.
- Any other details : price, specification, sample, can be provided on specified request.

To quote pls indicate exact required quality/application :

- regular technical grade
- higher purity technical grade
- electroplating and electronic grades
- copper sulphate monohydrate
- animal feedgrade : see datasheet below

COPPER SULPHATE ANIMAL FEEDGRADE

According to Annex I of Reg. (EC) No. 1831/2003 of EU Register of Feed Additives
(Category 3, Functional group b, Trace elements, code 4 – Cupric Sulphate Pentahydrate)

Product code UN	3077
Chemical name	Copper Sulfate Pentahydrate
Chemical formula	CuSO ₄ .5H ₂ O
Appearance	blue small crystal/powder
Origin	Russia
Grain size	0.05-0.3 mm, 0.05-0.45 mm, 0.05-0.63 mm and/or 0.05-0.8 mm
Packing	1) 25 kg thick pe bags with side valves (type SH4), on wooden pallets 2) 1000 kg and/or 1250 kg big bags
Marking and bags	as per EU reg. no. 1272/2008 CLP

Parameter in %	Typical Values *)	Guaranteed minimum	Maximum Values
Purity basic ingredient (CuSO ₄ x5H ₂ O)	100.10	99.0	-
Cuprum as Metallic (Cu)	25.2	25.0	26.0
Free acid	0.2	-	0.25
Free moisture (H ₂ O)	0.02	-	0.05
Water insoluble matter	0.022	-	0.03
Anti-caking agent (E-4)	1.5	1.0	2.0 (SiO ₂ , feedgrade)
Arsenic (As)	0.0001	-	0.001
Cadmium (Cd)	0.0004	-	0.0009
Chlorine (Cl)	0.003	-	0.006
Iron (Fe)	0.025	-	0.04
Lead (Pb)	0.005	-	0.009
Mercury (Hg)	< 0.00005	-	0.0001
Nickel (Ni)	0.006	-	0.01
Dioxin/PBCs	according to EU	animal feed regulations	

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

SAP INTERNATIONAL CORPORATION bv Krekelenberg 83, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Email : info@sico.be Website : www.sico.be