

Copper Sulfate - Fine 30 Non P
PRODUCT DATA SHEET

Shelf Life: 2 YEARS

SYNONYMS: Cupric Sulfate (Pentahydrate)
***** Not for Pesticide use***

CHEMICAL FORMULA: CuSO₄.5H₂O

APPEARANCE: Blue powder Non pesticide

MOLECULAR WEIGHT: 249.68

PACKAGING : 50 lb paper bag

	Specifications		Typical
Assay	99.01%	min	99.60-99.96%
Copper (Cu)	25.2%	min	25.36-25.45%
Sulfuric acid insolubles	0.3%	max	0.05-0.06%
Iron	1000 ppm	0.1%	0.0800-0.0890%
Lead	30 ppm	0.003%	0.0012-0.0030%
Nickel	40 ppm	0.004%	0.0008-0.0010%
Zinc	500 ppm	0.05%	0.0200-0.0250%
Aluminum	200 ppm	0.02%	0.0150%
Anticaking agent	0.2-0.7%		0.3-0.7%
pH (10% soln)	3.5-4.4		4.1-4.27
screen analysis	95% through US 20	min	99.45-99.51%

****Note*** Not for pesticide (water treatment/ algicide, etc.) use***** not for medicinal use*****

ADDITIONAL HEAVY METAL DATA, CONC IN PPM:

As... <3 Cd... <1 Sb... <1 Cr... <1 Sn...nondetect Co... 1.49 Cl... 153 Fl... nondetect

Mg... 1500* (due to mag carbonate anticaking agent)

BULK DENSITY 0.93-1.07 g/cc or 57.96-66.68 lb/cu ft

TYPICAL PARTICLE SIZE DISTRIBUTION:

US mesh	% Retained
30	13.39%
40	40.23%
50	14.77%
60	12.63%
65	1.81%
100	12.25%

*** PLEASE READ MATERIAL SAFETY DATA SHEET PRIOR TO HANDLING THIS PRODUCT. ***