

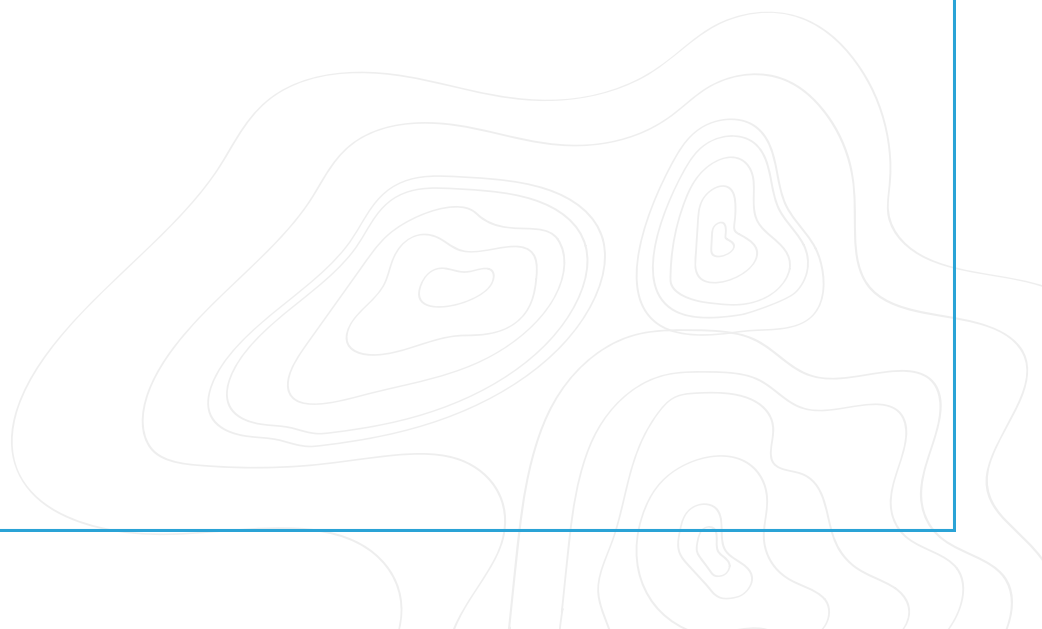


Cobalt Sulphate

Cobalt sulphate is any of the inorganic compounds with the formula $\text{CoSO}_4(\text{H}_2\text{O})_x$. Usually cobalt sulfate refers to the hexa- or heptahydrates $\text{CoSO}_4 \cdot 6\text{H}_2\text{O}$ or $\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$, respectively. It is an odorless reddish metallic salt, which is readily soluble in water and methanol.

Cobalt oxide or other cobalt derivatives are dissolved in dilute sulfuric acid, which crystallizes to form cobalt sulfate. In addition, large amount of cobalt sulfate is produced as a by-product during the manufacturing of various metals, such as nickel and copper.

Some of Cobalt Sulphate applications are found in industries like



CoSO₄

Product Specifications

Parameters	40/J	41/J	42/J
P 10% Soln	5.09%	5.07%	5.18%
Co	20.74%	20.72%	20.72%
Mg	0.0665%	0.0672%	0.0625%
Ni	0.0709%	0.0810%	0.0896%
Na	0.0179%	0.0180%	0.0229%
Ca	0.0340%	0.0432%	0.0423%
Fe	0.0002%	0.0002%	0.0002%
Cu	0.0239%	0.0241%	0.0221%
Zn	0.0002%	0.0002%	0.0003%
Mn	0.0824%	0.0736%	0.0722%
Cd	0.001%	0.001%	0.0013%
Pb	0.0003%	0.0003%	0.0003%
Quantity	325 Kgs	2500 Kgs	2175 Kgs