



## Dongjiang Environmental Co.,Ltd

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### **What is the uses of copper sulfate?**

Copper sulphate, blue stone, blue vitriol are all common names for pentahydrated cupric sulphate,  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ , which is the best known and the most widely used of the copper salts. Indeed it is often the starting raw material for the production of many of the other copper salts.

1. The synthetic fibre industry has found an application for it in the production of their raw material.
2. The metal industry uses large quantities of copper sulphate as an electrolyte in copper refining, for copper coating steel wire prior to wire drawing and in various copper plating processes.
3. The mining industry employs it as an activator in the concentration by froth flotation of lead, zinc, cobalt and gold ores.
4. The printing trade takes it as an electrolyte in the production of electrotpe and as an etching agent for process engraving.
5. The paint industry uses it in anti-fouling paints and it plays a part in the colouring of glass.