

## Title: Study of Cu-BDC Metal-Organic Framework Toxicity

### Abstract:

Cu-BDC is a metal-organic framework widely used in catalysis. Recent studies show that Cu-BDC induces

### Introduction:

Metal-organic frameworks (MOFs) such as Cu-BDC and ZIF-8 have applications in gas storage and catalysis.

### Conclusion:

Our results indicate that Cu-BDC MOF exhibits toxicity, whereas ZIF-8 is safe for biological applications.