

Copper(I) bromide

Oxidized copper(I) bromide. Pure copper(I) bromide is colorless.

Copper(I) bromide, also known as **cuprous bromide**, is a [chemical compound](#). Its chemical formula is CuBr. It has [copper](#) and [bromide ions](#) in it. The copper is in its +1 [oxidation state](#).

Properties

[[change](#) | [change source](#)]

Copper(I) bromide is a colorless solid. It turns green when in air. It does not dissolve in water. It is a [reducing agent](#).

Preparation

[[change](#) | [change source](#)]

Copper(I) bromide is made by reacting [copper\(II\) bromide](#) with any [sulfite](#) and any [bromide salt](#). This reaction makes [hydrogen bromide](#) gas.

Uses

[[change](#) | [change source](#)]

It is used in [organic chemistry](#). It is used to make organic compounds that have copper in them.

Related pages

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- [Copper\(I\) chloride](#)

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