



When silver meets copper oxide:

A material composed of silver nanostructures (represented by the islands) dispersed within a copper oxide support (the sea) was found to be an excellent catalyst for the selective epoxidation of ethylene at temperatures below 250°C. As reported by J. L. Hueso, J. Santamaria et al. in their Communication on page 11158 ff., the catalyst can accommodate chlorine promoters in a single pretreatment step, with the CuO acting as a Cl sponge, thus avoiding, for the most part, irreversible catalyst poisoning.

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