

Eastman™ hydroquinone is dioxin free.

Eastman hydroquinone (HQ) is a white, odorless, crystalline solid with an extremely low vapor pressure; it is moderately soluble in water and highly soluble in alcohol. It is a good general-purpose inhibitor, stabilizer, antioxidant, and intermediate.

HQ has been safely used for more than 100 years as a developer for black-and-white film (including X-ray film). It is also used as a raw material in the production of antioxidants for rubber, food grade antioxidants, and liquid-crystal polymers; and a polymerization inhibitor for vinyl acetate and acrylic monomers.

Eastman's *p*-diisopropylbenzene hydroperoxidation process for Eastman's HQ does not produce dioxin or dioxin-like impurities, specifically polychlorinated dibenzo *p*-dioxin (PCDD), polychlorinated dibenzofuran (PCDF), and polychlorinated biphenyl (PCB).

Eastman's dioxin-free claim is based on independent laboratory testing of our material to a quantification level of less than 1 part per billion (ppb).

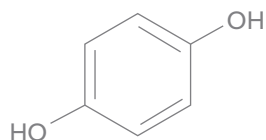
Formulators can be assured that:

- Eastman HQ is dioxin free and remains one of the purest forms of HQ produced with a sales specification averaging 99 wt%.
- Our manufacturing supports environmental initiatives to minimize waste, unusable by-products, and environmental footprint.

Connecting science with sustainability

As a global supplier of HQ, Eastman is committed to producing high-quality product while maintaining our responsibility to the environment. It is a corporate-wide initiative to do business by creating value through environmental stewardship, social responsibility, and economic growth—now and for future generations.

Empirical formula $C_6H_6O_2$



Eastman HQ

Our sustainability highlights include:

- Eastman adheres to the Responsible Care® Global Charter, established by the International Council of Chemical Associations.
- Eastman has been honored by the U.S. Environmental Protection Agency as a 2012 ENERGY STAR® Partner of the Year.
- *Newsweek* magazine listed Eastman as one of the "500 Greenest Companies in America" in 2010.

For more information or a product data sheet, visit www.eastman.com.





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