

# TEDX List of Potential Endocrine Disruptors

## ethyl paraben

CAS # 120-47-8

### Alternative Names

ethyl-p-hydroxybenzoate  
ethyl-4-hydroxybenzoate

### Categories\*

Antimicrobial  
Food additives and contact material  
Household product ingredient  
Medical/Veterinary/Research  
Personal care product/Cosmetic ingredient  
Pesticide ingredient

### Evidence Supporting This Chemical as an Endocrine Disruptor

Byford JR, Shaw LE, Drew MG, Pope GS, Sauer MJ, Darbre PD. 2002. Oestrogenic activity of parabens in MCF7 human breast cancer cells. *Journal of Steroid Biochemistry & Molecular Biology* 80(1):49-60.  
Gomez E, Pillon A, Fenet H, Rosain D, Duchesne MJ, Nicolas JC, Balaguer P, Casellas C. 2005. Estrogenic activity of cosmetic components in reporter cell lines: parabens, UV screens, and musks. *J Toxicol Environ Health A* 68(4):239-251.  
Lemini C, Hernández A, Jaimez R, Franco Y, Avila ME, Castell A. 2004. Morphometric analysis of mice uteri treated with the preservatives methyl, ethyl, propyl, and butylparaben. *Toxicol Ind Health* 20(6-10):123-132.  
Song BL, Li HY, Peng DR. 1989. In vitro spermicidal activity of parabens against human spermatozoa. *Contraception* 39(3):331-335.  
Taxvig C, Vinggaard AM, Hass U, Axelstad M, Boberg J, Hansen PR, Frederiksen H, Nellemann C. 2008. Do parabens have the ability to interfere with steroidogenesis? *Toxicol Sci* 106(1):206-213.

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### \*Category References

US Dept of Health & Human Services. Household Products Database.  
US EPA. InertFinder.  
US National Library of Medicine. Haz-Map.  
US National Library of Medicine. Hazardous Substances Data Bank.



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