

TEDX List of Potential Endocrine Disruptors

propyl paraben

CAS # 94-13-3

Alternative Name

n-propyl-p-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.
Chen JG, Ahn KC, Gee NA, Gee SJ, Hammock BD, Lasley BL. 2007. Antiandrogenic properties of parabens and other phenolic containing small molecules in personal care products. *Toxicol Appl Pharmacol* 221(3):278-284.
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.
Oishi S. 2002. Effects of propyl paraben on the male reproductive system. *Food & Chemical Toxicology* 40(12):1807-1813.
Song BL, Li HY, Peng DR. 1989. In vitro spermicidal activity of parabens against human spermatozoa. *Contraception* 39(3):331-335.

*Category References

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

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