

TEDX List of Potential Endocrine Disruptors

methyl paraben

CAS # 99-76-3

Alternative Name

methyl-p-hydroxybenzoate

Categories*

Food additives and contact material

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.

Routledge EJ, Parker J, Odum J, Ashby J, Sumpter JP. 1998. Some alkyl hydroxy benzoate preservatives (parabens) are estrogenic. *Toxicol Appl Pharmacol* 153(1):12-19.

Song BL, Li HY, Peng DR. 1989. In vitro spermicidal activity of parabens against human spermatozoa. *Contraception* 39(3):331-335.

*Category References

US EPA. InertFinder.

US National Library of Medicine. Haz-Map.



Print
Results



PDF of
Results

[CLOSE WINDOW](#)