

TEDX List of Potential Endocrine Disruptors

diethyl phthalate

CAS # 84-66-2

Alternative Name

DEP

Categories*

Household product ingredient
Personal care product/Cosmetic ingredient
Pesticide ingredient
Plastic/Rubber
Unconventional Oil and Gas

Evidence Supporting This Chemical as an Endocrine Disruptor

Harris CA, Henttu P, Parker MG, Sumpter JP. 1997. The estrogenic activity of phthalate esters in vitro. Environ Health Perspect 105(8):802-811.
Lu KY, Tseng FW, Wu CJ, Liu PS. 2004. Suppression by phthalates of the calcium signaling of human nicotinic acetylcholine receptors in human neuroblastoma SH-SY5Y cells. Toxicology 200(2-3):113-121.
Pereira C, Mapuskar K, Rao CV. 2006. Chronic toxicity of diethyl phthalate in male Wistar rats - A dose-response study. Regul Toxicol Pharmacol 45(2):169-177.

*Category References

Orem WH, Tatu CA, Lerch HE, Rice CA, Bartos TT, Bates AL, Tewalt S, Corum MD. 2007. Organic compounds in produced waters from coalbed natural gas wells in the Powder River Basin, Wyoming, USA. Appl Geochem 22(10):2240-2256.
US Dept of Health & Human Services. Household Products Database.
US EPA. 2006. Inert Reassessments: One exemption from the requirement of a tolerance for diethyl phthalate (CAS Reg No. 84-66-2).
US EPA. InertFinder.
US FDA. Everything Added to Food in the U.S.
US National Library of Medicine. Haz-Map.
US National Library of Medicine. Hazardous Substances Data Bank.

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