

TEDX List of Potential Endocrine Disruptors

di-isononyl phthalate

CAS # 28553-12-0 (DiNP2) / 68515-48-0 (DiNP, DiNP2) / 68515-48-0 (DiNP1)

Alternative Name

DiNP

Categories*

Household product ingredient
Industrial additive
Personal care product/Cosmetic ingredient
Pesticide ingredient
Plastic/Rubber

Evidence Supporting This Chemical as an Endocrine Disruptor

Boberg J, Christiansen S, Axelstad M, Kledal TS, Vinggaard AM, Dalgaard M, Nellemann C, Hass U. 2011. Reproductive and behavioral effects of diisononyl phthalate (DiNP) in perinatally exposed rats. *Reprod Toxicol* 31(2):200-209.

DeKeyser JG, Laurenzana EM, Peterson EC, Chen T, Omiecinski CJ. 2011. Selective phthalate activation of naturally occurring human constitutive androstane receptor splice variants and the pregnane x receptor. *Toxicol Sci* 120(2):381-391.

Gray LE Jr, Ostby J, Furr J, Price M, Veeramachaneni DNR, Parks L. 2000. Perinatal exposure to the phthalates DEHP, BBP, and DiNP, but not DEP, DMP, or DOTP, alters sexual differentiation of the male rat. *Toxicol Sci* 58(2):350-365.

Hannas BR, Lambright CS, Furr J, Howdeshell KL, Wilson VS, Gray LE Jr. 2011. Dose-response assessment of fetal testosterone production and gene expression levels in rat testes following in utero exposure to diethylhexyl phthalate, diisobutyl phthalate, diisooheptyl phthalate and diisononyl phthalate. *Toxicol Sci* 123(1):206-216.

Kwack SJ, Kim KB, Kim HS, Lee BM. 2009. Comparative toxicological evaluation of phthalate diesters and metabolites in Sprague-Dawley male rats for risk assessment. *J Toxicol Environ Health A* 72(21-22):1446-1454.

*Category References

National Pesticide Information Retrieval System.
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.

[CLOSE WINDOW](#)



Print Results



PDF of Results