

Toxicology Letters

Vol. 279S1

20 October 2017

www.elsevier.com/locate/toxlet

An International Journal for Rapid Publication of Short Reports on all Aspects of Toxicology Especially Mechanisms of Toxicity

Abstract/indexed in: Agricola; Biological Abstracts; Chemical Abstracts; Current Contents (Life Sciences); Environmental Mutagen Information Center; EMBASE/Excerpta Medica; Index Medicus; International Pharmaceutical Abstracts; Pascal M; Science Citations Index; Elsevier BIOBASE/Current Awareness in Biological Sciences. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.

Special Issue: Octamethylcyclotetrasiloxane

Editorial SI: Octamethylcyclotetrasiloxane

W. Dekant	1
Toxicology of octamethylcyclotetrasiloxane (D_4)	
A. Franzen, T. Greene, C. Van Landingham and R. Gentry (United States).....	2
A global human health risk assessment for octamethylcyclotetrasiloxane (D_4)	
R. Gentry, A. Franzen, C. Van Landingham, T. Greene and K. Plotzke (United States)	23
Biological relevance of effects following chronic administration of octamethylcyclotetrasiloxane (D_4) in Fischer 344 rats	
W. Dekanta (Germany), A. R. Sciallib, K. Plotzke, J. E. Klaunig (USA).....	42
Effects of chronic exposure to octamethylcyclotetrasiloxane and decamethylcyclopentasiloxane in the aging female Fischer 344 rat	
P.A. Jean, E.D. Sloter and K.P. Plotzke (United States).....	54
Chronic toxicity and oncogenicity of octamethylcyclotetrasiloxane (D_4) in the Fischer 344 rat	
P.A. Jean and K.P. Plotzke (United States).....	75
Metabolism and disposition of [^{14}C]-methylcyclosiloxanes in rats	
J.Y. Domoradzki, C.M. Sushynski, J.M. Sushynski, D.A. McNett, C. Van Landingham and K.P. Plotzke (United States)	98
Metabolism of [^{14}C -octamethylcyclotetrasiloxane ($[^{14}C]D_4$) or ^{14}C -decamethylcyclopentasiloxane ($[^{14}C]D_5$) orally gavaged in rainbow trout (<i>Oncorhynchus mykiss</i>)	
J.Y. Domoradzki, J.M. Sushynski, L.M. Thackery, T.A. Springer, T.L. Ross, K.B. Woodburn, J.A. Durham and D.A. McNett (USA).....	115
Refinement of the oral exposure description in the cyclic siloxane PBPK model for rats and humans: Implications for exposure assessment	
J.L. Campbell Jr., M.E. Andersen, C. Van Landingham, R. Gentry, E. Jensen, J.Y. Domoradzki and H.J. Clewell III (United States)	125



Available online at www.sciencedirect.com

ScienceDirect