

Dr. Duke's Phytochemical and Ethnobotanical Database**List of Chemicals for Acaricide**

Chemical	Dosage
1,8-CINEOLE	LC100=6 uM
12-ALPHA-HYDROXYROTENONE	
ACETYL-EUGENOL	LD50=14.16 ug/sq.cm of DEET at 37.59 ug/sq.cm
ACROPHYLLINE-OXIDE	
ACRYOPHYLLINE	
ALPHA-CADINOL	
ALPHA-TERPINENE	
BENZYL-ACETATE	
BENZYL-BENZOATE	LD50=9.22 ug/sq cm cf DEET at 37.59 ug/sq cm
BUTYLIDENE-PHTHALIDE	
CINNAMALDEHYDE	
CITRONELLAL	
EPOXYPSEUDOISOEUGENOL-2-METHYLBUTYRIC-ESTER	
EUGENOL	LD50=5.47 ug/sq cm cf DEET at 37.59 ug/sq cm
FORMIC-ACID	
GAMMA-TERPINENE	
LIMONENE	LC100=8 uM
LINALOOL	C90=<15 ul/l (= <15 ppm

Chemical	Dosage
MENTHONE	
O-ANISALDEHYDE	
OXALIC-ACID	
PERILLALDEHYDE	
ROTENONE	
THYMOL	