

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**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 of DEET at 37.59 ug/sq cm
BUTYLIDENE-PHTHALIDE	--
CINNAMALDEHYDE	--
CITRONELLAL	--
EPOXYSEUDOISOEUGENOL-2-METHYLBUTYRIC-ESTER	--
EUGENOL	LD50=5.47 ug/sq cm of DEET at 37.59 ug/sq cm
FORMIC-ACID	--
GAMMA-TERPINENE	--
LIMONENE	LC100=8 uM
LINALOOL	C90=<15 ul/l (= <15 ppm
MENTHONE	--
O-ANISALDEHYDE	--
OXALIC-ACID	--
PERILLALDEHYDE	--
ROTENONE	--
THYMOL	--