

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Chemicals for Acaricide

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