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|--|--|-----------------------|----------------------|-------------------------|
| CARCINOGEN | | CAS #: 319846 | | |
| Substance: | alpha-BHC | | | |
| Crit. or 2nd Val.: | Criteria | | | |
| | | Base. BAF* | Fr.Free.Diss. | Max. Cont. Level |
| | RAD (mg/Kg/d) | (@100% lipid) | f_fd | (MCL - mg/L) |
| | 0.00000159 | 32099 | 0.999 | na |
| | | | | |
| Public Water | | Non. Pub. wat. | | |
| Supply | mg/L | Supply | mg/L | |
| WWFAL | 1.07E-05 | WWFAL | 1.33E-05 | |
| CW | 3.68E-06 | CW | 3.94E-06 | |
| GL | 3.76E-06 | LFF | 1.33E-05 | |
| | | LAL | 0.0111 | |
| | | | | |
| * BAF is normalized to 100% lipid, and is representative of trophic level 4 | | | | |
| | | | | |
| RAD reference: | MI. DNR report, 1/96 (GLWQI Chems. of Initial Focus Data Eval.) | | | |
| Source: | IRIS as of 4-96 (q=6.3) | | | |
| | | | | |
| BAF reference: | Option A used for BBAF generation | | | |
| Source: | Derivation of BAF for GLI (draft), Stephan, 1993 | | | |
| Gen.: | logKow=3.7, BAF=3055 (geomn of 1000,9333), %lip.=9.5 (geomn of 8,11) | | | |
| | | | | |
| If f_fd is to be generated from K-ow, use $1/(1+(.00000024 \text{ kg/L})(K-ow))$: | | | | |
| | K-ow | Calculated ff_D | | |
| | 5011 | 0.999 | | |