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|--|---------------|-----------------------|---------------|------------------|
| NON-CARCINOGENS | | CAS #: 534521 | | |
| Substance: 4,6-Dinitro-o-cresol | | | | |
| Crit. or 2nd Val: | Criteria | | | |
| | | Base. BAF* | Fr.Free.Diss. | Max. Cont. Level |
| | ADE (mg/Kg/d) | (@100% lipid) | f_fd | (MCL-mg/L) |
| | 0.004 | 364 | 1 | na |
| | | | | |
| Public Water | | Non. Pub. wat. | | |
| Supply | mg/L | Supply | mg/L | |
| WWFAL | 0.106 | WWFAL | 1.80 | |
| CW | 0.0957 | CW | 0.639 | |
| GL | 0.0960 | LFF | 1.80 | |
| | | LAL | 22.4 | |
| | | | | |
| * BAF is normalized to 100% lipid, and is representative of trophic level 4 | | | | |
| ADE reference: MI. DNR report, 1/96 (GLWQI Chems. of Initial Focus Data Eval.) | | | | |
| Source: ATSDR Tox. Profile, 1995 for an RfD=.004 mkd | | | | |
| BAF reference: Option D was used for BBAF generation | | | | |
| Source: Derivation of BAF for GLI (draft), Stephan, 1993 | | | | |
| Generated using logKow=2.56, Kow=363, FCM=1.002 | | | | |
| If f_fd is to be generated from K-ow, use $1/(1+(.00000024 \text{ kg/L})(K-ow))$: | | | | |
| | K-ow | Calculated ff_D | | |
| | 363 | 1.000 | | |
| for organic chemicals, or from the GLI TSD for BAF, 1995 | | | | |