

SOLUBILITY OF COMPOUNDS IN WATER.

Less Than or Equal to 1 mg/L

- Dioxins = 19.3 nanograms/L IC
- PCBs = 2.7-1500 microgr/L IC
- Hexachlorobenzene = 0.005 mg/L HF
- DDT and metabolites (DDE) = DDT = 0.003 mg/L; I
- PBBs Pentachlorophenol (PCP) = 11 micrograms/L IC
- DDD = 0.04 mg/L I
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- Heptachlor & Heptachlorepoide = 0.056 mg/L I
- Chlordane = 0.1 mg/L I
- Dieldrin = 0.1 mg/L I
- Methoxychlor = 0.1 mg/L I
- Synthetic Pyrethroids = 0.2 mg/L I
- Trifluralin = 0.2 -0.4 mg/L HF
- Endosulfan = 0.5 mg/L I
- Toxaphene = 0.55 mg/L I
- Mirex = 0.6 mg/L I
- Nitrofen = 0.7 – 1.2 mg/L HF
- Dicofol = 0.8 mg/L I

Between 1 mg/L and 10 mg/L

- Chlordecone (Kepone) = 1-3 mg/L I
- Benomyl = 2 mg/L HF
- Phthalates = 4 mg/L IC
- Tributyltin = 4 mg/L HF
- Penta-to nonyl phenois = 4.9 mg/L IC

- Mancozeb = 6 mg/L HF
- Maneb = 6 mg/L HF
- B-HCH = 7.3 mg/L I
- Lindane (Y-HCH) = 10 ppm I
- Zineb = 10 mg/L HF

Legend

HF – Herbicides and Fungicides

I – Insecticides

N – Nematocides

IC – Industrial Chemicals

Between 10 mg/L and 50 mg/L

- Parathion = 24 mg/L I
- Atrazine = 30 mg/L HF
- Naphtalene = 34.4 mg/L
- Carbaryl = 40 mg/L I

Between 50 mg/L and 500 mg/L

- Ziram = 65 mg/L HF
- PCP = 80 mg/L
- Alachlor = 242 mg/L HF
- 2,4,5-T = 278 mg/L HF
- Amitrole = 280 mg/L HF
- Dinitrobenzene = 300 mg/L
- Styrene = 310 mg/L IC

Between 500 mg/L and 1000 mg/L

- Toluene = 535 mg/L

- 2, 4, 6 Trichlorophenol = 800 mg/L
- 2, 4-D = 900 mg/L HF

Greater Than or Equal to 1 g/L

- DBCP = 1 gr/L N
- Metribuzin = 1.2 gr/L HF
- Benzene = 1.8 g/L
- Aldicarb = 6 gr/L N
- 3 Chlorophenol = 27.7 g/L
- Methomyl = 58 gr/L I
- Phenol = 86 g/L

Miscellaneous

- Metriam-Complex = Not Found HF
- Oxychlordane = Insoluble I