

NON-CARCINOGENS

CAS #: 95501

Substance: 1,2-Dichlorobenzene

Crit. or 2nd Val: Criteria

	ADE (mg/Kg/d)	Base. BAF* (@100% lipid)	Fr.Free.Diss. f_fd	Max. Cont. Level (MCL-mg/L)
	0.09	2934	0.999	0.6
Public Water		Non. Pub. wat.		
Supply	mg/L	Supply	mg/L	
WWFAL	1.8	WWFAL	6.36	
CW	1.1	CW	1.93	
GL	1.1	LFF	6.36	
		LAL	504	

* 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: IRIS as of 4-96 (RfD = .09mkd)

BAF reference: Option C was used for BBAF generation

Source: Derivation of BAF for GLI (draft), Stephan, 1993

Generated using logKow=3.4 (Kow=2512), FCM=1.014, BCF=186, %lip.=6.4

BCF=geomean of 89 and 389 and %lipid =geomean of 4.8 and 8.45 - Stephan, 1993)

If f_fd is to be generated from K-ow, use $1/1+(.00000024 \text{ kg/L})(K\text{-ow})$:

K-ow	Calculated ff_D
2512	0.999

** Fraction of freely dissolved chem. is either derived via GLI - HH/WL BAFs for organic chemicals, or from the GLI TSD for BAF, 1995