

NON-CARCINOGENS

CAS #: 117817

Substance: Di-2-ethylhexyl phthalate (DEHP)

Crit. or 2nd Val: 2nd Value

	ADE (mg/Kg/d)	Base. BAF* (@100% lipid)	Fr.Free.Diss. f_fd	Max. Cont. Level (MCL-mg/L)
	0.02	462,844	0.04	0.004
Public Water		Non. Pub. wat.		
Supply	mg/L	Supply	mg/L	
WWFAL	0.164	WWFAL	0.23215	
CW	0.0612	CW	0.0687	
GL	0.0625	LFF	0.23215	
		LAL	112	

* 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 = .02)

BAF reference: Option C was used for BBAF generation

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

Generated using logKow=8.0 (Kow=100,000,000), FCM=7.798, BCF=114, %lip.=4.8

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

K-ow	Calculated ff_D
100,000,000	0.040

for organic chemicals, or from the GLI TSD for BAF, 1995