

PCDD and PCDF in Technical 2,4-D Herbicides

	TEF	Observed Maximum Conc. (ppb)	TEQ (ppb)	Amount in one pound (ug)
2378-TCDD	1	0.13	0.130	0.059
12378-PeCDD	0.5	2.60	1.300	
123478-HxCDD	0.1	0.81	0.081	
123678-HxCDD	0.1	0.77	0.077	
123789-HxCDD	0.1	0.88	0.088	
1234678-HpCDD	0.01	1.80	0.018	
OCDD	0.001			
2378-TCDF	0.1	0.27	0.027	1.25
12378-PeCDF	0.05	0.62	0.031	
23478-PeCDF	0.5	0.73	0.365	
123478-HxCDF	0.1	1.60	0.160	
123678-HxCDF	0.1	1.20	0.120	
123789-HxCDF	0.1	1.40	0.140	
234678-HxCDF	0.1	1.10	0.110	
1234678-HpCDF	0.01	8.30	0.083	
1234789-HpCDF	0.01	1.20	0.012	
OCDF	0.001			
SUM			2.74	

SOURCES:

TEFs: USEPA (1992). Estimating Exposure to Dioxin-like Compounds.
EPA/600/6-88/005B. Table 1-1.

Concentrations: USEPA (1993). Memo from Stephen Funk to Jill Bloom.
March 2. Table 1.

NOTE: ppb=ug/kg; 1 kg=2.2 lb.