

US EPA ARCHIVE DOCUMENT

Table PG5. Results for All Protection Groups - Waste Piles in mg/kg

Waste Piles - 2000m		Protection Group 1			Protection Group 2			Protection Group 3			Protection Group 4		
		10-6	99% Pop	95% Prob	10-6	99% Pop	90% Prob	10-5	99% Pop	90% Prob	10-5	95% Pop	90% Prob
Chemical Name	CASRN	HH (0.1)	Eco (1)	Lowest	HH (1)	Eco (1)	Lowest	HH (1)	Eco (1)	Lowest	HH (1)	Eco (10)	Lowest
Acrylonitrile	107-13-1	0.005	note 1	0.005	0.01	note 1	0.01	0.1	note 1	0.1	10	note 1	10
Benzene	71-43-2	20	1000	20	50	1000	50	800	1000	800	1000	1000	1000
Pentachlorophenol	87-86-5	80	200	80	400	700	400	800	700	700	1000	1000	1000
Mercury	7439-97-6	10	10	10	10	10	10	10	10	10	10	10	10
Lead	7439-92-1	note 2	40	40	note 2	70	70	note 2	70	70	note 2	1000	1000

- note 1: Ecological impacts were not evaluated due to the lack of chronic ecological toxicity values.
- note 2: Human impacts were not evaluated due to the lack of human health toxicity values.
- note 3: The values in the highlighted cells are the same as the highest waste concentration evaluated.