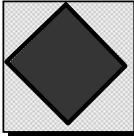




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Inputs:		Chemical name==>	Plomb	Outputs:			
	Site name => Common - Before - < 0.5 ans (Local)			Target Soil Concentrations (in ppm)			
	Toxicity Data ==>			Based on cancer risk:			
			Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)	Root soil	2,0 E+3	
	Inhalation	4,2E-02	0,0E+00	Vadose soil	0,0 E+0	not avlbl.	↓
	Ingestion	8,5E-03	3,5E-03				
	Dermal	0,0E+00	0,0E+00	Based on hazard:		Root Soil	2,0 E+3
	Total dose		0,0E+00	Root soil	2,6 E+3	Vadose soil	n/a
			Risk	Hazard quotient	Vadose soil	0,0 E+0	not avlbl.
	Target Risk/Hazard =	1,0 E-05	1,00				
			current value	should be >	Un-mitigated risk and/or hazard ratio		
Root-soil thickness ==>	1,00	OK	Risk	6,9 E-7			
Alter root soil thickness to?	n/a		Hazard ratio	5,4 E-2			
Distance off-site for air exposure=	0	meters					
Time after initial concentrations when exposure begins =	365	days	Concentration limits without NAPL				
Measured Concentrations (at time = 0)			Root soil	1,5 E+06	mg/kg solid		
Root-zone soil	140,03	ppm (mg/kg)	Vadose soil	1,4 E+06	mg/kg solid		
Vadose-zone soil	227,41	ppm (mg/kg)		9,6 E+00	mg/L water		
Ground water	0	ppm (mg/L)	Time avrg. Conc. in on-site environmental media				
Continuous inputs				Air	8,3 E-43	mg/m3	
Source term to air (mol/d)	0,0 E+00	Sa	Plants	1,1 E-03	mg/kg(FM)		
Source term to ground-surface soil (mol/d)	0,0 E+00	Sg	Grnd-surface soil	1,4 E+00	mg/kg(total)		
Source term to root-zone soil (mol/d)	0,0 E+00	Ss	Root-zone soil	1,4 E+02	mg/kg(total)		
Source term to surface water(mol/d)	0,0 E+00	Sw	Vadose-zone soil	2,3 E+02	mg/kg(total)		
			Ground water	1,7 E-04	mg/L(water)		
			Surface water	2,1 E-03	mg/L		
			Sediment	3,5 E-04	mg/kg		

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	1,24E-43	3,33E-09	4,77E-46	0,00E+00	0,00E+00	3,33E-09	0,00
INGESTION:							
Water	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		1,88E-06	1,88E-04			1,90E-04	100,00
Total ingestion	0,00 E+00	1,88 E-06	1,88 E-04	0,00 E+00	0,00 E+00	1,90 E-04	100,00
DERMAL UPTAKE		2,80E-14	2,80E-12	0,00E+00	0,00E+00	2,83 E-12	0,00
Dose SUM	1,24E-43	1,88E-06	1,88E-04	0,00E+00	0,00E+00	1,90E-04	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	8,08 E-45	1,23 E-07	1,23 E-05	0,00 E+00	0,00 E+00	1,24 E-05
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	1,90 E-04
Total dose used =>	1,90 E-04

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	8,14 E-43	1,40 E-44	1,50 E+00	1,50 E+02	1,71 E-04	2,14 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	8,14 E-43	8,20 E-45	2,64 E-08	3,79 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	8,14 E-43	1,40 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						1,07 E+00
Household soil (mg/kg)			7,50 E-01	7,52 E+01		
Swimming water (mg/L)						2,14 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		9,64 E-02		
Indoor air (resting)		2,97 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		2,41 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			2,50 E-06	3,73 E-14
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns	ing-dose/Ns	drml-dose/Ns	inh-dose/Nq	ing-dose/Nq	drml-dose/Nq
	5,6 E-14	3,2 E-09	4,7 E-17	0,0 E+00	0,0 E+00	0,0 E+00

Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
4	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
7	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
10	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
13	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
16	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
19	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
22	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
25	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
28	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
31	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
Cumulative doses				2,08098011		
over ED by route, mg/kg	3,6 E-05	2,1 E+00	3,1 E-08	2,1 E+00	2,1 E+00	0,0 E+00
fraction	0,0000	1,0000	0,0000	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d	3,3 E-09	1,9 E-04	2,8 E-12	1,9 E-04	1,9 E-04	0,0 E+00
fraction	0,0000	1,0000	0,0000	1,0000	1,000	0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max_ing	1,9 E-04
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Inputs:		Chemical name==>	Plomb	Outputs:		
	Site name => Common - Before - 0.5-4 ans (Local)		Target Soil Concentrations (in ppm)			
	Toxicity Data ==>		Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)		
	Inhalation	4,2E-02	0,0E+00			
	Ingestion	8,5E-03	3,5E-03			
	Dermal	0,0E+00	0,0E+00			
	Total dose		0,0E+00			
	Target Risk/Hazard =	Risk 1,0 E-05	Hazard quotient 1,00			
	Root-soil thickness ==>	1,00	OK			
	Alter root soil thickness to?	n/a				
	Distance off-site for air exposure= Time after initial concentrations when exposure begins =	0 meters	365 days			
Measured Concentrations (at time = 0)		Root-zone soil	140,03 ppm (mg/kg)			
	Vadose-zone soil	227,41 ppm (mg/kg)				
	Ground water	0 ppm (mg/L)				
Continuous inputs			Based on cancer risk:			
Source term to air (mol/d)	0,0 E+00	Sa	Root soil	2,8 E+3		
Source term to ground-surface soil (mol/d)	0,0 E+00	Sg	Vadose soil	0,0 E+0	not avlbl.	
Source term to root-zone soil (mol/d)	0,0 E+00	Ss			Root Soil 2,8 E+3	
Source term to surface water(mol/d)	0,0 E+00	Sw			Vadose soil n/a	
			Based on hazard:			
			Root soil	3,6 E+3		
			Vadose soil	0,0 E+0	not avlbl.	
			Un-mitigated risk and/or hazard ratio			
			Risk	4,9 E-7		
			Hazard ratio	3,9 E-2		
			Concentration limits without NAPL			
			Root soil	1,5 E+06	mg/kg solid	
			Vadose soil	1,4 E+06	mg/kg solid	
				9,6 E+00	mg/L water	
			Time avrg. Conc. in on-site environmental media			
			Air	8,3 E-43	mg/m3	
			Plants	1,1 E-03	mg/kg(FM)	
			Grnd-surface soil	1,4 E+00	mg/kg(total)	
			Root-zone soil	1,4 E+02	mg/kg(total)	
			Vadose-zone soil	2,3 E+02	mg/kg(total)	
			Ground water	1,7 E-04	mg/L(water)	
			Surface water	2,1 E-03	mg/L	
			Sediment	3,5 E-04	mg/kg	

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	2,72E-43	7,33E-09	1,05E-45	0,00E+00	0,00E+00	7,33E-09	0,01
INGESTION:							
Water				0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce			0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		1,33E-06	1,34E-04			1,35E-04	99,99
Total ingestion	0,00 E+00	1,33 E-06	1,34 E-04	0,00 E+00	0,00 E+00	1,35 E-04	99,99
DERMAL UPTAKE		5,93E-15	5,95E-13	0,00E+00	0,00E+00	6,01 E-13	0,00
Dose SUM	2,72E-43	1,34E-06	1,34E-04	0,00E+00	0,00E+00	1,35E-04	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	1,78 E-44	8,76 E-08	8,74 E-06	0,00 E+00	0,00 E+00	8,82 E-06
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	1,35 E-04
Total dose used =>	1,35 E-04

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	8,14 E-43	1,40 E-44	1,50 E+00	1,50 E+02	1,71 E-04	2,14 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	8,14 E-43	8,20 E-45	2,64 E-08	3,79 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	8,14 E-43	1,40 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						1,07 E+00
Household soil (mg/kg)			7,50 E-01	7,52 E+01		
Swimming water (mg/L)						2,14 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		2,10 E-01		
Indoor air (resting)		6,75 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		5,26 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			1,78 E-06	7,91 E-15
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns	ing-dose/Ns	drml-dose/Ns	inh-dose/Nq	ing-dose/Nq	drml-dose/Nq
	1,2 E-13	2,3 E-09	1,0 E-17	0,0 E+00	0,0 E+00	0,0 E+00

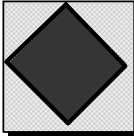
Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
4	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
7	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
10	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
13	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
16	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
19	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
22	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
25	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
28	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
31	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
Cumulative doses				1,477460204		
over ED by route, mg/kg	8,0 E-05	1,5 E+00	6,6 E-09	1,5 E+00	1,5 E+00	0,0 E+00
fraction	0,0001	0,9999	0,0000	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d	7,3 E-09	1,3 E-04	6,0 E-13	1,3 E-04	1,3 E-04	0,0 E+00
fraction	0,0001	0,9999	0,0000	1,0000	1,000	0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max_ing	1,3 E-04
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	Inputs:	Chemical name==>	Plomb		Outputs:		
		Site name => Common - Before - 5-11 ans (Local)			Target Soil Concentrations (in ppm)		
		Toxicity Data ==>	Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)	Based on cancer risk:		
		Inhalation	4,2E-02	0,0E+00	Root soil	8,1 E+3	
		Ingestion	8,5E-03	3,5E-03	Vadose soil	0,0 E+0	not avlbl.
		Dermal	0,0E+00	0,0E+00			
		Total dose		0,0E+00	Based on hazard:		
		Risk			Root soil	1,0 E+4	
		Hazard quotient			Vadose soil	0,0 E+0	not avlbl.
		Target Risk/Hazard =	1,0 E-05	1,00			
			current value	should be >			
		Root-soil thickness ==>	1,00	OK	Un-mitigated risk and/or hazard ratio		
		Alter root soil thickness to?	n/a		Risk	1,7 E-7	
		Distance off-site for air exposure=	0	meters	Hazard ratio	1,4 E-2	
		Time after initial concentrations when exposure begins =	365	days	Concentration limits without NAPL		
	Measured Concentrations (at time = 0)			Root soil	1,5 E+06	mg/kg solid	
	Root-zone soil	140,03	ppm (mg/kg)	Vadose soil	1,4 E+06	mg/kg solid	
	Vadose-zone soil	227,41	ppm (mg/kg)		9,6 E+00	mg/L water	
	Ground water	0	ppm (mg/L)	Time avrg. Conc. in on-site environmental media			
Continuous inputs	Source term to air (mol/d)	0,0 E+00	Sa	Air	8,3 E-43	mg/m3	
	Source term to ground-surface soil (mol/d)	0,0 E+00	Sg	Plants	1,1 E-03	mg/kg(FM)	
	Source term to root-zone soil (mol/d)	0,0 E+00	Ss	Grnd-surface soil	1,4 E+00	mg/kg(total)	
	Source term to surface water(mol/d)	0,0 E+00	Sw	Root-zone soil	1,4 E+02	mg/kg(total)	
				Vadose-zone soil	2,3 E+02	mg/kg(total)	
				Ground water	1,7 E-04	mg/L(water)	
				Surface water	2,1 E-03	mg/L	
				Sediment	3,5 E-04	mg/kg	

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	2,13E-43	5,73E-09	8,22E-46	0,00E+00	0,00E+00	5,73E-09	0,01
INGESTION:							
Water				0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce			0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		4,68E-07	4,69E-05			4,74E-05	99,99
Total ingestion	0,00 E+00	4,68 E-07	4,69 E-05	0,00 E+00	0,00 E+00	4,74 E-05	99,99
DERMAL UPTAKE		2,47E-15	2,47E-13	0,00E+00	0,00E+00	2,50 E-13	0,00
Dose SUM	2,13E-43	4,74E-07	4,69E-05	0,00E+00	0,00E+00	4,74E-05	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	1,39 E-44	3,10 E-08	3,07 E-06	0,00 E+00	0,00 E+00	3,10 E-06
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	4,74 E-05
Total dose used =>	4,74 E-05

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	8,14 E-43	1,40 E-44	1,50 E+00	1,50 E+02	1,71 E-04	2,14 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	8,14 E-43	8,20 E-45	2,64 E-08	3,79 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	8,14 E-43	1,40 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						1,07 E+00
Household soil (mg/kg)			7,50 E-01	7,52 E+01		
Swimming water (mg/L)						2,14 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		1,65 E-01		
Indoor air (resting)		5,17 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		4,13 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			6,24 E-07	3,29 E-15
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns 9,6 E-14	ing-dose/Ns 7,9 E-10	drml-dose/Ns 4,2 E-18	inh-dose/Nq 0,0 E+00	ing-dose/Nq 0,0 E+00	drml-dose/Nq 0,0 E+00
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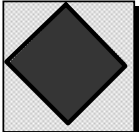
Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
4	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
7	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
10	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
13	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
16	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
19	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
22	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
25	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
28	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
31	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
Cumulative doses				0,518717367		
over ED by route, mg/kg fraction	6,3 E-05 0,0001	5,2 E-01 0,9999	2,7 E-09 0,0000	5,2 E-01 1,0000	5,2 E-01 1,000	0,0 E+00 0,000
Average doses						
over ED by route, mg/kg-d	5,7 E-09	4,7 E-05	2,5 E-13	4,7 E-05	4,7 E-05	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	5,7 E-09 0,0001	4,7 E-05 0,9999	2,5 E-13 0,0000	4,7 E-05 1,0000	4,7 E-05 1,000	0,0 E+00 0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max_ing	4,7 E-05
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Inputs:		Chemical name==> Plomb		Outputs:		
	Site name => Common - Before - 12-19 ans (Local)		Target Soil Concentrations (in ppm)			
	Toxicity Data ==>		Cancer potencies 1/(mg/kg-d)		Non-cancer ADIs (mg/kg-d)	
	Inhalation	4,2E-02	0,0E+00			
	Ingestion	8,5E-03	3,5E-03			
	Dermal	0,0E+00	0,0E+00			
	Total dose	0,0E+00				
	Target Risk/Hazard =	Risk 1,0 E-05	Hazard quotient 1,00			
	Root-soil thickness ==>	1,00	OK			
	Alter root soil thickness to?	n/a				
	Distance off-site for air exposure= Time after initial concentrations when exposure begins =	0	meters			
Time after initial concentrations when exposure begins =	365	days				
Measured Concentrations (at time = 0)						
Root-zone soil	140,03	ppm (mg/kg)				
Vadose-zone soil	227,41	ppm (mg/kg)				
Ground water	0	ppm (mg/L)				
Continuous inputs						
Source term to air (mol/d)	0,0 E+00	Sa				
Source term to ground-surface soil (mol/d)	0,0 E+00	Sg				
Source term to root-zone soil (mol/d)	0,0 E+00	Ss				
Source term to surface water(mol/d)	0,0 E+00	Sw				
			Based on cancer risk:			
			Root soil	2,6 E+4		
			Vadose soil	0,0 E+0	not avlbl.	
					↓	
			Root Soil	2,6 E+4		
			Vadose soil	n/a		
			Based on hazard:			
			Root soil	3,3 E+4		
			Vadose soil	0,0 E+0	not avlbl.	
			Un-mitigated risk and/or hazard ratio			
			Risk	5,4 E-8		
			Hazard ratio	4,3 E-3		
			Concentration limits without NAPL			
			Root soil	1,5 E+06	mg/kg solid	
			Vadose soil	1,4 E+06	mg/kg solid	
				9,6 E+00	mg/L water	
			Time avrg. Conc. in on-site environmental media			
			Air	8,3 E-43	mg/m3	
			Plants	1,1 E-03	mg/kg(FM)	
			Grnd-surface soil	1,4 E+00	mg/kg(total)	
			Root-zone soil	1,4 E+02	mg/kg(total)	
			Vadose-zone soil	2,3 E+02	mg/kg(total)	
			Ground water	1,7 E-04	mg/L(water)	
			Surface water	2,1 E-03	mg/L	
			Sediment	3,5 E-04	mg/kg	

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	1,28E-43	3,77E-09	5,41E-46	0,00E+00	0,00E+00	3,77E-09	0,03
INGESTION:							
Water				0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce			0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		1,47E-07	1,48E-05			1,49E-05	99,97
Total ingestion	0,00 E+00	1,47 E-07	1,48 E-05	0,00 E+00	0,00 E+00	1,49 E-05	99,97
DERMAL UPTAKE		1,14E-15	1,15E-13	0,00E+00	0,00E+00	1,16 E-13	0,00
Dose SUM	1,28E-43	1,51E-07	1,48E-05	0,00E+00	0,00E+00	1,49E-05	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	8,35 E-45	9,88 E-09	9,66 E-07	0,00 E+00	0,00 E+00	9,76 E-07
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	1,49 E-05
Total dose used =>	1,49 E-05

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	8,14 E-43	1,40 E-44	1,50 E+00	1,50 E+02	1,71 E-04	2,14 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	8,14 E-43	8,20 E-45	2,64 E-08	3,79 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	8,14 E-43	1,40 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						1,07 E+00
Household soil (mg/kg)			7,50 E-01	7,52 E+01		
Swimming water (mg/L)						2,14 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		1,12 E-01		
Indoor air (resting)		3,10 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		1,24 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			1,96 E-07	1,52 E-15
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns	ing-dose/Ns	drml-dose/Ns	inh-dose/Nq	ing-dose/Nq	drml-dose/Nq
	6,3 E-14	2,5 E-10	1,9 E-18	0,0 E+00	0,0 E+00	0,0 E+00

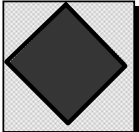
Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
4	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
7	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
10	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
13	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
16	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
19	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
22	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
25	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
28	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
31	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
Cumulative doses				0,16336968		
over ED by route, mg/kg fraction	4,1 E-05	1,6 E-01	1,3 E-09	1,6 E-01	1,6 E-01	0,0 E+00
	0,0003	0,9997	0,0000	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	3,8 E-09	1,5 E-05	1,2 E-13	1,5 E-05	1,5 E-05	0,0 E+00
	0,0003	0,9997	0,0000	1,0000	1,000	0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max_ing	1,5 E-05
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Inputs:		Chemical name==> Plomb		Outputs:			
		Site name => Common - Before - > 20 ans (Local)		Target Soil Concentrations (in ppm)			
		Toxicity Data ==>		Based on cancer risk:			
			Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)	Root soil	3,0 E+4	
		Inhalation	4,2E-02	0,0E+00	Vadose soil	0,0 E+0	not avlbl.
		Ingestion	8,5E-03	3,5E-03			3,0 E+4
		Dermal	0,0E+00	0,0E+00	Based on hazard:	Root Soil	3,0 E+4
		Total dose		0,0E+00		Vadose soil	n/a
			Risk	Hazard quotient	Root soil	3,9 E+4	
		Target Risk/Hazard =	1,0 E-05	1,00	Vadose soil	0,0 E+0	not avlbl.
			current value	should be >	Un-mitigated risk and/or hazard ratio		
Root-soil thickness ==>	1,00	OK	Risk	4,6 E-8			
Alter root soil thickness to?	n/a		Hazard ratio	3,6 E-3			
Distance off-site for air exposure=	0	meters	Concentration limits without NAPL				
Time after initial concentrations when exposure begins =	365	days	Root soil	1,5 E+06	mg/kg solid		
Measured Concentrations (at time = 0)			Vadose soil	1,4 E+06	mg/kg solid		
Root-zone soil	140,03	ppm (mg/kg)		9,6 E+00	mg/L water		
Vadose-zone soil	227,41	ppm (mg/kg)	Time avrg. Conc. in on-site environmental media				
Ground water	0	ppm (mg/L)	Air	8,3 E-43	mg/m3		
Continuous inputs			Plants	1,1 E-03	mg/kg(FM)		
Source term to air (mol/d)	0,0 E+00	Sa	Grnd-surface soil	1,4 E+00	mg/kg(total)		
Source term to ground-surface soil (mol/d)	0,0 E+00	Sg	Root-zone soil	1,4 E+02	mg/kg(total)		
Source term to root-zone soil (mol/d)	0,0 E+00	Ss	Vadose-zone soil	2,3 E+02	mg/kg(total)		
Source term to surface water(mol/d)	0,0 E+00	Sw	Ground water	1,7 E-04	mg/L(water)		
			Surface water	2,1 E-03	mg/L		
			Sediment	3,5 E-04	mg/kg		

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	1,08E-43	3,18E-09	4,57E-46	0,00E+00	0,00E+00	3,18E-09	0,03
INGESTION:							
Water				0,00E+00	0,00E+00	0,00E+00	0,00
Exposed produce	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Unexposed produce			0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Meat	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Milk	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Eggs	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00
Fish					0,00E+00	0,00E+00	0,00
Soil		1,24E-07	1,25E-05			1,26E-05	99,97
Total ingestion	0,00 E+00	1,24 E-07	1,25 E-05	0,00 E+00	0,00 E+00	1,26 E-05	99,97
DERMAL UPTAKE		9,30E-16	9,32E-14	0,00E+00	0,00E+00	9,41 E-14	0,00
Dose SUM	1,08E-43	1,28E-07	1,25E-05	0,00E+00	0,00E+00	1,26E-05	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	7,05 E-45	8,34 E-09	8,16 E-07	0,00 E+00	0,00 E+00	8,24 E-07
Infant dose	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	dose_bm 0,00 E+00

Ingestion dose used =>	1,26 E-05
Total dose used =>	1,26 E-05

ENVIRONMENTAL Media CONCENTRATIONS	Air (gases) mg/m^3	Air (dust) mg/m^3	Ground soil mg/kg	Root soil mg/kg	Ground water mg/L	Surface water mg/L
	8,14 E-43	1,40 E-44	1,50 E+00	1,50 E+02	1,71 E-04	2,14 E-03

EXPOSURE MEDIA CONCENTRATIONS (averaged over the exposure duration)

EXPOSURE	Air (gases)	Air (dust)	Ground soil	Root soil	Ground water	Surface water
Indoor air (mg/m ³)	8,14 E-43	8,20 E-45	2,64 E-08	3,79 E-45	0,00 E+00	0,00 E+00
Bathroom air (mg/m ³)					0,00 E+00	0,00 E+00
Outdoor air (mg/m ³)	8,14 E-43	1,40 E-44				
Tap water (mg/L)					0,00 E+00	0,00 E+00
Exposed produce (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Unexposed produce (mg/kg)				0,00 E+00	0,00 E+00	0,00 E+00
Meat (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Milk (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Eggs (mg/kg)	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Fish and seafood (mg/kg)						1,07 E+00
Household soil (mg/kg)			7,50 E-01	7,52 E+01		
Swimming water (mg/L)						2,14 E-03

PATHWAY CONTACT FACTORS (CR/BW*FI)

EXPOSURE Media	Units	Inhalation	Ingestion	Dermal
Indoor air (active)		9,43 E-02		
Indoor air (resting)		2,62 E-02		
Indoor air (shower/bath)		0,00 E+00		
Outdoor air (active)		1,05 E-02		
Tap water			0,00 E+00	0,00 E+00
Exposed produce			0,00 E+00	
Unexposed produce			0,00 E+00	
Meat			0,00 E+00	
Milk			0,00 E+00	
Eggs			0,00 E+00	
Fish and seafood			0,00 E+00	
Household soil			1,66 E-07	1,24 E-15
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns	ing-dose/Ns	drml-dose/Ns	inh-dose/Nq	ing-dose/Nq	drml-dose/Nq
	5,3 E-14	2,1 E-10	1,6 E-18	0,0 E+00	0,0 E+00	0,0 E+00

Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
4	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
7	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
10	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
13	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
16	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
19	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
22	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
25	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
28	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
31	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
Cumulative doses				0,137951483		
over ED by route, mg/kg fraction	3,5 E-05	1,4 E-01	1,0 E-09	1,4 E-01	1,4 E-01	0,0 E+00
	0,0003	0,9997	0,0000	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	3,2 E-09	1,3 E-05	9,4 E-14	1,3 E-05	1,3 E-05	0,0 E+00
	0,0003	0,9997	0,0000	1,0000	1,000	0,000

Max breast-milk dose 0,0 E+00 mg/kg-d

Max_ing	1,3 E-05
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