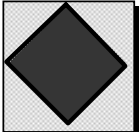




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Inputs:		Chemical name==> Naphtalène		Outputs:			
		Site name => Riverfront Park - Before - < 0.5 ans (Local)		Target Soil Concentrations (in ppm)			
		Toxicity Data ==>		Based on cancer risk:			
			Cancer potencies 1/(mg/kg-d)	Non-cancer ADIs (mg/kg-d)	Root soil	0,0 E+0	not avlbl.
		Inhalation	0,0E+00	0,0E+00	Vadose soil	0,0 E+0	not avlbl.
		Ingestion	0,0E+00	2,0E-02			
		Dermal	0,0E+00	0,0E+00			
		Total dose		0,0E+00			
			Risk	Hazard quotient			
		Target Risk/Hazard =	1,0 E-05	1,00			
			current value	should be >			
Root-soil thickness ==>	1,00	OK					
Alter root soil thickness to?	n/a						
Distance off-site for air exposure=	0	meters					
Time after initial concentrations when exposure begins =	365	days					
Measured Concentrations (at time = 0)							
Root-zone soil	1,49	ppm (mg/kg)					
Vadose-zone soil	1,29	ppm (mg/kg)					
Ground water	0	ppm (mg/L)					
Continuous inputs			Based on hazard:				
Source term to air (mol/d)	0,0 E+00	Sa	Root soil	1,6 E+4	>conc limit		
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					
Source term to surface water(mol/d)	0,0 E+00	Sw					
			Un-mitigated risk and/or hazard ratio				
			Risk	0,0 E+0			
			Hazard ratio	9,3 E-5			
			Concentration limits without NAPL				
			Root soil	3,8 E+02	mg/kg solid		
			Vadose soil	1,6 E+03	mg/kg solid		
				3,4 E+01	mg/L water		
			Time avrg. Conc. in on-site environmental media				
			Air	1,7 E-05	mg/m3		
			Plants	3,7 E-05	mg/kg(FM)		
			Grnd-surface soil	1,5 E-02	mg/kg(total)		
			Root-zone soil	4,5 E-01	mg/kg(total)		
			Vadose-zone soil	4,4 E-01	mg/kg(total)		
			Ground water	2,2 E-06	mg/L(water)		
			Surface water	1,7 E-03	mg/L		
			Sediment	5,8 E-02	mg/kg		

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	2,58E-06	3,46E-11	1,03E-05	0,00E+00	0,00E+00	1,29E-05	95,28
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		1,95E-08	6,00E-07			6,19E-07	4,57
Total ingestion	0,00 E+00	1,95 E-08	6,00 E-07	0,00 E+00	0,00 E+00	6,19 E-07	4,57
DERMAL UPTAKE		6,41E-10	1,97E-08	0,00E+00	0,00E+00	2,03 E-08	0,15
Dose SUM	2,58E-06	2,02E-08	1,09E-05	0,00E+00	0,00E+00	1,35E-05	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	7,28 E-08	5,69 E-10	3,08 E-07	0,00 E+00	0,00 E+00	3,81 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 =>	6,19 E-07
Total dose used =>	1,35 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
	1,72 E-05	1,22 E-11	1,56 E-02	4,79 E-01	2,16 E-06	1,66 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)	1,72 E-05	7,17 E-12	2,74 E-10	8,19 E-05	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)	1,72 E-05	1,22 E-11				
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)						1,72 E-01
Household soil (mg/kg)			7,80 E-03	2,40 E-01		
Swimming water (mg/L)						1,66 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	8,22 E-08
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
	2,9 E-08	1,4 E-09	4,5 E-11	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	3,9 E-05	1,9 E-06	6,1 E-08	4,1 E-05	4,1 E-05	0,0 E+00
4	2,9 E-05	1,4 E-06	4,6 E-08	3,1 E-05	3,1 E-05	0,0 E+00
7	2,2 E-05	1,1 E-06	3,5 E-08	2,3 E-05	2,3 E-05	0,0 E+00
10	1,6 E-05	7,9 E-07	2,6 E-08	1,7 E-05	1,7 E-05	0,0 E+00
13	1,2 E-05	5,9 E-07	2,0 E-08	1,3 E-05	1,3 E-05	0,0 E+00
16	9,3 E-06	4,5 E-07	1,5 E-08	9,8 E-06	9,8 E-06	0,0 E+00
19	7,0 E-06	3,3 E-07	1,1 E-08	7,3 E-06	7,3 E-06	0,0 E+00
22	5,2 E-06	2,5 E-07	8,3 E-09	5,5 E-06	5,5 E-06	0,0 E+00
25	3,9 E-06	1,9 E-07	6,2 E-09	4,1 E-06	4,1 E-06	0,0 E+00
28	3,0 E-06	1,4 E-07	4,7 E-09	3,1 E-06	3,1 E-06	0,0 E+00
31	2,2 E-06	1,1 E-07	3,5 E-09	2,3 E-06	2,3 E-06	0,0 E+00
Cumulative doses				0,148281604		
over ED by route, mg/kg fraction	1,4 E-01	6,8 E-03	2,2 E-04	1,5 E-01	1,5 E-01	0,0 E+00
	0,9528	0,0457	0,0015	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	1,3 E-05	6,2 E-07	2,0 E-08	1,4 E-05	1,4 E-05	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	3,9 E-05	1,9 E-06	6,1 E-08	4,1 E-05	4,1 E-05	0,0 E+00
	0,9528	0,0457	0,0015	1,0000	1,000	0,000

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

Max_ing	1,9 E-06
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PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	5,69E-06	7,63E-11	2,27E-05	0,00E+00	0,00E+00	2,84E-05	98,46
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		1,39E-08	4,26E-07			4,40E-07	1,52
Total ingestion	0,00 E+00	1,39 E-08	4,26 E-07	0,00 E+00	0,00 E+00	4,40 E-07	1,52
DERMAL UPTAKE		1,36E-10	4,18E-09	0,00E+00	0,00E+00	4,31 E-09	0,01
Dose SUM	5,69E-06	1,41E-08	2,32E-05	0,00E+00	0,00E+00	2,89E-05	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	1,60 E-07	3,96 E-10	6,53 E-07	0,00 E+00	0,00 E+00	8,13 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 =>	4,40 E-07
Total dose used =>	2,89 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
	1,72 E-05	1,22 E-11	1,56 E-02	4,79 E-01	2,16 E-06	1,66 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)	1,72 E-05	7,17 E-12	2,74 E-10	8,19 E-05	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)	1,72 E-05	1,22 E-11				
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)						1,72 E-01
Household soil (mg/kg)			7,80 E-03	2,40 E-01		
Swimming water (mg/L)						1,66 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	1,74 E-08
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-08	9,7 E-10	9,6 E-12	0,0 E+00	0,0 E+00	0,0 E+00

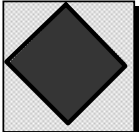
Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	8,6 E-05	1,3 E-06	1,3 E-08	8,7 E-05	8,7 E-05	0,0 E+00
4	6,4 E-05	1,0 E-06	9,8 E-09	6,5 E-05	6,5 E-05	0,0 E+00
7	4,8 E-05	7,5 E-07	7,3 E-09	4,9 E-05	4,9 E-05	0,0 E+00
10	3,6 E-05	5,6 E-07	5,5 E-09	3,7 E-05	3,7 E-05	0,0 E+00
13	2,7 E-05	4,2 E-07	4,1 E-09	2,8 E-05	2,8 E-05	0,0 E+00
16	2,0 E-05	3,2 E-07	3,1 E-09	2,1 E-05	2,1 E-05	0,0 E+00
19	1,5 E-05	2,4 E-07	2,3 E-09	1,6 E-05	1,6 E-05	0,0 E+00
22	1,2 E-05	1,8 E-07	1,8 E-09	1,2 E-05	1,2 E-05	0,0 E+00
25	8,7 E-06	1,3 E-07	1,3 E-09	8,8 E-06	8,8 E-06	0,0 E+00
28	6,5 E-06	1,0 E-07	9,9 E-10	6,6 E-06	6,6 E-06	0,0 E+00
31	4,9 E-06	7,6 E-08	7,4 E-10	5,0 E-06	5,0 E-06	0,0 E+00
Cumulative doses				0,316194033		
over ED by route, mg/kg	3,1 E-01	4,8 E-03	4,7 E-05	3,2 E-01	3,2 E-01	0,0 E+00
fraction	0,9846	0,0152	0,0001	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	2,8 E-05	4,4 E-07	4,3 E-09	2,9 E-05	2,9 E-05	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d	8,6 E-05	1,3 E-06	1,3 E-08	8,7 E-05	8,7 E-05	0,0 E+00
fraction	0,9846	0,0152	0,0001	1,0000	1,000	0,000

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

Max_ing	1,3 E-06
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Inputs:		Chemical name==> Naphtalène		Outputs:		
		Site name => Riverfront Park - 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	0,0E+00	0,0E+00		
		Ingestion	0,0E+00	2,0E-02		
		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=	0	meters				
Time after initial concentrations when exposure begins =	365	days				
Measured Concentrations (at time = 0)						
Root-zone soil	1,49	ppm (mg/kg)				
Vadose-zone soil	1,29	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	0,0 E+0	not avlbl.	
			Vadose soil	0,0 E+0	not avlbl.	
			Based on hazard:			
			Root soil	2,2 E+4	>conc limit	
			Vadose soil	0,0 E+0	not avlbl.	
			Un-mitigated risk and/or hazard ratio			
			Risk	0,0 E+0		
			Hazard ratio	6,6 E-5		
			Concentration limits without NAPL			
			Root soil	3,8 E+02	mg/kg solid	
			Vadose soil	1,6 E+03	mg/kg solid	
				3,4 E+01	mg/L water	
			Time avrg. Conc. in on-site environmental media			
			Air	1,7 E-05	mg/m3	
			Plants	3,7 E-05	mg/kg(FM)	
			Grnd-surface soil	1,5 E-02	mg/kg(total)	
			Root-zone soil	4,5 E-01	mg/kg(total)	
			Vadose-zone soil	4,4 E-01	mg/kg(total)	
			Ground water	2,2 E-06	mg/L(water)	
			Surface water	1,7 E-03	mg/L	
			Sediment	5,8 E-02	mg/kg	

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	4,45E-06	5,96E-11	1,78E-05	0,00E+00	0,00E+00	2,22E-05	99,30
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		4,87E-09	1,49E-07			1,54E-07	0,69
Total ingestion	0,00 E+00	4,87 E-09	1,49 E-07	0,00 E+00	0,00 E+00	1,54 E-07	0,69
DERMAL UPTAKE		5,66E-11	1,74E-09	0,00E+00	0,00E+00	1,80 E-09	0,01
Dose SUM	4,45E-06	4,98E-09	1,79E-05	0,00E+00	0,00E+00	2,24E-05	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	1,25 E-07	1,40 E-10	5,05 E-07	0,00 E+00	0,00 E+00	6,30 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 =>	1,54 E-07
Total dose used =>	2,24 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
	1,72 E-05	1,22 E-11	1,56 E-02	4,79 E-01	2,16 E-06	1,66 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)	1,72 E-05	7,17 E-12	2,74 E-10	8,19 E-05	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)	1,72 E-05	1,22 E-11				
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)						1,72 E-01
Household soil (mg/kg)			7,80 E-03	2,40 E-01		
Swimming water (mg/L)						1,66 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	7,26 E-09
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
	4,9 E-08	3,4 E-10	4,0 E-12	0,0 E+00	0,0 E+00	0,0 E+00

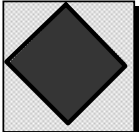
Time (y)	Total inhalation dose	Total ingestion dose	Total dermal dose	Total dose	Total dose from root soil	Total dose from ground water
1	6,7 E-05	4,7 E-07	5,4 E-09	6,8 E-05	6,8 E-05	0,0 E+00
4	5,0 E-05	3,5 E-07	4,1 E-09	5,1 E-05	5,1 E-05	0,0 E+00
7	3,8 E-05	2,6 E-07	3,1 E-09	3,8 E-05	3,8 E-05	0,0 E+00
10	2,8 E-05	2,0 E-07	2,3 E-09	2,9 E-05	2,9 E-05	0,0 E+00
13	2,1 E-05	1,5 E-07	1,7 E-09	2,1 E-05	2,1 E-05	0,0 E+00
16	1,6 E-05	1,1 E-07	1,3 E-09	1,6 E-05	1,6 E-05	0,0 E+00
19	1,2 E-05	8,3 E-08	9,7 E-10	1,2 E-05	1,2 E-05	0,0 E+00
22	9,0 E-06	6,3 E-08	7,3 E-10	9,1 E-06	9,1 E-06	0,0 E+00
25	6,8 E-06	4,7 E-08	5,5 E-10	6,8 E-06	6,8 E-06	0,0 E+00
28	5,1 E-06	3,5 E-08	4,1 E-10	5,1 E-06	5,1 E-06	0,0 E+00
31	3,8 E-06	2,7 E-08	3,1 E-10	3,8 E-06	3,8 E-06	0,0 E+00
Cumulative doses				0,244954316		
over ED by route, mg/kg	2,4 E-01	1,7 E-03	2,0 E-05	2,4 E-01	2,4 E-01	0,0 E+00
fraction	0,9930	0,0069	0,0001	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	2,2 E-05	1,5 E-07	1,8 E-09	2,2 E-05	2,2 E-05	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d	6,7 E-05	4,7 E-07	5,4 E-09	6,8 E-05	6,8 E-05	0,0 E+00
fraction	0,9930	0,0069	0,0001	1,0000	1,000	0,000

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

Max_ing	4,7 E-07
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Inputs:		Chemical name==> Naphtalène		Outputs:			
		Site name => Riverfront Park - 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	0,0E+00	0,0E+00	Root soil	0,0 E+0	not avlbl.
		Ingestion	0,0E+00	2,0E-02	Vadose soil	0,0 E+0	not avlbl.
		Dermal	0,0E+00	0,0E+00			
		Total dose		0,0E+00			
		Target Risk/Hazard =	Risk 1,0 E-05	Hazard quotient 1,00	Based on cancer risk:		
		Root-soil thickness ==>	1,00	OK			
		Alter root soil thickness to?	n/a				
Distance off-site for air exposure=	0	meters					
Time after initial concentrations when exposure begins =	365	days	Based on hazard:				
Measured Concentrations (at time = 0)			Root soil	1,0 E+5	Root Soil 1,0 E+5		
Root-zone soil	1,49	ppm (mg/kg)	Vadose soil	>conc limit	Vadose soil n/a		
Vadose-zone soil	1,29	ppm (mg/kg)					
Ground water	0	ppm (mg/L)					
Continuous inputs			Un-mitigated risk and/or hazard ratio				
Source term to air (mol/d)	0,0 E+00	Sa	Risk	0,0 E+0			
Source term to ground-surface soil (mol/d)	0,0 E+00	Sg	Hazard ratio	7,3 E-6			
Source term to root-zone soil (mol/d)	0,0 E+00	Ss	Concentration limits without NAPL				
Source term to surface water(mol/d)	0,0 E+00	Sw	Root soil	3,8 E+02	mg/kg solid		
			Vadose soil	1,6 E+03	mg/kg solid		
				3,4 E+01	mg/L water		
			Time avrg. Conc. in on-site environmental media				
			Air	1,7 E-05	mg/m3		
			Plants	3,7 E-05	mg/kg(FM)		
			Grnd-surface soil	1,5 E-02	mg/kg(total)		
			Root-zone soil	4,5 E-01	mg/kg(total)		
			Vadose-zone soil	4,4 E-01	mg/kg(total)		
			Ground water	2,2 E-06	mg/L(water)		
			Surface water	1,7 E-03	mg/L		
			Sediment	5,8 E-02	mg/kg		

PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	2,67E-06	3,92E-11	1,17E-05	0,00E+00	0,00E+00	1,44E-05	99,66
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		1,53E-09	4,71E-08			4,86E-08	0,34
Total ingestion	0,00 E+00	1,53 E-09	4,71 E-08	0,00 E+00	0,00 E+00	4,86 E-08	0,34
DERMAL UPTAKE		2,62E-11	8,06E-10	0,00E+00	0,00E+00	8,32 E-10	0,01
Dose SUM	2,67E-06	1,60E-09	1,17E-05	0,00E+00	0,00E+00	1,44E-05	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	7,52 E-08	4,50 E-11	3,30 E-07	0,00 E+00	0,00 E+00	4,06 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 =>	4,86 E-08
Total dose used =>	1,44 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
	1,72 E-05	1,22 E-11	1,56 E-02	4,79 E-01	2,16 E-06	1,66 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)	1,72 E-05	7,17 E-12	2,74 E-10	8,19 E-05	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)	1,72 E-05	1,22 E-11				
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)						1,72 E-01
Household soil (mg/kg)			7,80 E-03	2,40 E-01		
Swimming water (mg/L)						1,66 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	3,36 E-09
Swimming wtr			0,00 E+00	0,00 E+00

Dose ratios	inh-dose/Ns 3,2 E-08	ing-dose/Ns 1,1 E-10	drml-dose/Ns 1,8 E-12	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	4,3 E-05	1,5 E-07	2,5 E-09	4,3 E-05	4,3 E-05	0,0 E+00
4	3,3 E-05	1,1 E-07	1,9 E-09	3,3 E-05	3,3 E-05	0,0 E+00
7	2,4 E-05	8,3 E-08	1,4 E-09	2,5 E-05	2,5 E-05	0,0 E+00
10	1,8 E-05	6,2 E-08	1,1 E-09	1,8 E-05	1,8 E-05	0,0 E+00
13	1,4 E-05	4,7 E-08	8,0 E-10	1,4 E-05	1,4 E-05	0,0 E+00
16	1,0 E-05	3,5 E-08	6,0 E-10	1,0 E-05	1,0 E-05	0,0 E+00
19	7,8 E-06	2,6 E-08	4,5 E-10	7,8 E-06	7,8 E-06	0,0 E+00
22	5,8 E-06	2,0 E-08	3,4 E-10	5,8 E-06	5,8 E-06	0,0 E+00
25	4,4 E-06	1,5 E-08	2,5 E-10	4,4 E-06	4,4 E-06	0,0 E+00
28	3,3 E-06	1,1 E-08	1,9 E-10	3,3 E-06	3,3 E-06	0,0 E+00
31	2,5 E-06	8,4 E-09	1,4 E-10	2,5 E-06	2,5 E-06	0,0 E+00
Cumulative doses				0,157735479		
over ED by route, mg/kg fraction	1,6 E-01 0,9966	5,3 E-04 0,0034	9,1 E-06 0,0001	1,6 E-01 1,0000	1,6 E-01 1,000	0,0 E+00 0,000
Average doses						
over ED by route, mg/kg-d	1,4 E-05	4,9 E-08	8,3 E-10	1,4 E-05	1,4 E-05	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	4,3 E-05 0,9966	1,5 E-07 0,0034	2,5 E-09 0,0001	4,3 E-05 1,0000	4,3 E-05 1,000	0,0 E+00 0,000

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

Max_ing	1,5 E-07
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PATHWAYS	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	Totals	%
INHALATION	2,25E-06	3,31E-11	9,87E-06	0,00E+00	0,00E+00	1,21E-05	99,66
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		1,29E-09	3,97E-08			4,10E-08	0,34
Total ingestion	0,00 E+00	1,29 E-09	3,97 E-08	0,00 E+00	0,00 E+00	4,10 E-08	0,34
DERMAL UPTAKE		2,13E-11	6,55E-10	0,00E+00	0,00E+00	6,76 E-10	0,01
Dose SUM	2,25E-06	1,35E-09	9,91E-06	0,00E+00	0,00E+00	1,22E-05	100,0

Breast milk concentration	Air (gases & particles)	Surface soil	Root-zone soil	Ground water	Surface water	total
	6,35 E-08	3,80 E-11	2,79 E-07	0,00 E+00	0,00 E+00	3,43 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 =>	4,10 E-08
Total dose used =>	1,22 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
	1,72 E-05	1,22 E-11	1,56 E-02	4,79 E-01	2,16 E-06	1,66 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)	1,72 E-05	7,17 E-12	2,74 E-10	8,19 E-05	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)	1,72 E-05	1,22 E-11				
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)						1,72 E-01
Household soil (mg/kg)			7,80 E-03	2,40 E-01		
Swimming water (mg/L)						1,66 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	2,73 E-09
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
	2,7 E-08	9,1 E-11	1,5 E-12	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	3,7 E-05	1,2 E-07	2,0 E-09	3,7 E-05	3,7 E-05	0,0 E+00
4	2,7 E-05	9,3 E-08	1,5 E-09	2,8 E-05	2,8 E-05	0,0 E+00
7	2,1 E-05	7,0 E-08	1,2 E-09	2,1 E-05	2,1 E-05	0,0 E+00
10	1,5 E-05	5,2 E-08	8,6 E-10	1,6 E-05	1,6 E-05	0,0 E+00
13	1,2 E-05	3,9 E-08	6,5 E-10	1,2 E-05	1,2 E-05	0,0 E+00
16	8,7 E-06	3,0 E-08	4,9 E-10	8,8 E-06	8,8 E-06	0,0 E+00
19	6,6 E-06	2,2 E-08	3,7 E-10	6,6 E-06	6,6 E-06	0,0 E+00
22	4,9 E-06	1,7 E-08	2,7 E-10	4,9 E-06	4,9 E-06	0,0 E+00
25	3,7 E-06	1,3 E-08	2,1 E-10	3,7 E-06	3,7 E-06	0,0 E+00
28	2,8 E-06	9,4 E-09	1,5 E-10	2,8 E-06	2,8 E-06	0,0 E+00
31	2,1 E-06	7,1 E-09	1,2 E-10	2,1 E-06	2,1 E-06	0,0 E+00
Cumulative doses				0,133193605		
over ED by route, mg/kg fraction	1,3 E-01	4,5 E-04	7,4 E-06	1,3 E-01	1,3 E-01	0,0 E+00
	0,9966	0,0034	0,0001	1,0000	1,000	0,000
Average doses						
over ED by route, mg/kg-d	1,2 E-05	4,1 E-08	6,8 E-10	1,2 E-05	1,2 E-05	0,0 E+00
Maximum doses						
over ED by route, mg/kg-d fraction	3,7 E-05	1,2 E-07	2,0 E-09	3,7 E-05	3,7 E-05	0,0 E+00
	0,9966	0,0034	0,0001	1,0000	1,000	0,000

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

Max_ing	1,2 E-07
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