S-Risk report - CSM_Z_2outd2

Administrative information

Name: CSM_Z_2outd2
Label: YV
Application: II Site specific risk assessment
Region: Wallonia
Description: conc BTEXmtbe = RI=1, no cancer risk

Main results

Chemical	Highest RI (>1)	Highest ExCR ($>10^{-5}$)	Highest pRI (>1)	Highest CI (>1)
Benzene	9.930e-1	9.619e-6		3.678e-2 (Outdoor air CI)
Toluene	1.020e+0			(Indoor air CI)
Ethylbenzene	2.284e-2	9.220e-6		(Indoor air CI)
m-Xylene	1.011e+0			(Indoor air CI)
Naphthalene		1.001e-5		(Indoor air CI)
TPH aliphatic (EC 5-6)	0			(Indoor air CI)
TPH aliphatic (EC >10-12)	3.283e-1			(Indoor air CI)
TPH aliphatic (EC >12-16)	3.191e-2			(Indoor air CI)
TPH aliphatic (EC >16-21)	1.405e-4			(Indoor air CI)
TPH aliphatic (EC >21-35)	0			(Indoor air CI)
TPH aliphatic (EC >6-8)	2.495e-2			(Indoor air CI)
TPH aliphatic (EC >8-10)	9.211e-1			(Indoor air CI)
TPH aromatic (EC >6-7)	0	0		0 (Outdoor air CI)
TPH aromatic (EC >7-8)	0			(Indoor air CI)
TPH aromatic (EC >8-10)	1.000e+0			(Indoor air CI)
TPH aromatic (EC >10-12)	1.625e-1			(Indoor air CI)
TPH aromatic (EC >12-16)	1.258e-1			(Indoor air CI)
TPH aromatic (EC >16-21)	6.906e-3			(Indoor air CI)
TPH aromatic (EC >21-35)	0			(Indoor air CI)
Methyl-t-butylether	2.337e-2	9.812e-6		(Indoor air CI)

Conceptual site model

Scenario

Land use: Residential only inhal

Based on: Residential without garden

Exposure routes

Oral		Inhalation		Dermal	
☐	soil & settled dust	☑	via outdoor air	☐	via soil & settled dust
☐	vegetables	☑	via indoor air	☑	via water (bath & shower)
☐	via meat & milk	☑	during showering		
☐	via eggs				
☐	via water				

Soil profile & concentrations

Site characteristics

Building type		Basement
Floor thickness	m	0.1
Floor quality setting		Gaps and holes
Drinking water pipe depth	m	0.8
Length of the site	m	50.0

		Standard sand	Standard sand	Groundwater
Layer properties				
Top of layer	m	0.0	2.0	3.0
OM	%	3.3	3.3	
Clay content	%	2.0	2.0	

	Standard sand	Standard sand	Groundwater
pH_{KCl}	3.400e+0	3.400e+0	
Concentrations	**mg/kg dm**	**mg/kg dm**	**µg/l (Calculated)**
Benzene	0	3.550e-1	1.205e+2
Toluene	0	4.450e+1	9.531e+3
Ethylbenzene	0	1.550e+0	2.248e+2
m-Xylene	0	2.550e+1	3.786e+3
Naphthalene	0	1.450e+1	2.988e+2
TPH aliphatic (EC 5-6)	0	0	0
TPH aliphatic (EC >10-12)	0	8.190e+2	1.970e+1
TPH aliphatic (EC >12-16)	0	4.729e+3	4.404e-1
TPH aliphatic (EC >16-21)	0	2.243e+3	1.449e-3
TPH aliphatic (EC >21-35)	0	0	0
TPH aliphatic (EC >6-8)	0	9.750e+0	6.594e+1
TPH aliphatic (EC >8-10)	0	8.775e+1	8.278e+1
TPH aromatic (EC >6-7)	0	0	0
TPH aromatic (EC >7-8)	0	0	0
TPH aromatic (EC >8-10)	0	1.560e+2	2.991e+3
TPH aromatic (EC >10-12)	0	1.365e+2	1.659e+3
TPH aromatic (EC >12-16)	0	1.121e+3	3.361e+3
TPH aromatic (EC >16-21)	0	6.825e+2	3.766e+2
TPH aromatic (EC >21-35)	0	0	0
Methyl-t-butylether	0	1.450e+1	2.844e+4

Results per chemical

Benzene

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	9.930e-1	6.789e-1	4.702e-1
Overall RI for systemic threshold effects	9.930e-1	6.789e-1	4.702e-1

Non-threshold, systemic	Age group 1	Age group 2	Age group 3	Lifelong
Oral ExCR for systemic non-threshold effects	0	0	0	0
Dermal ExCR for systemic non-threshold effects	0	0	0	0
Inhalation ExCR for systemic non-threshold effects	1.787e-5	1.222e-5	8.464e-6	9.619e-6
Overall ExCR for systemic non-threshold effects	1.787e-5	1.222e-5	8.464e-6	9.619e-6

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI	0	1.000e+0
Outdoor air CI	3.678e-2	5.000e-3
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**2.979e-3**		**2.037e-3**		**1.411e-3**	
inhalation of indoor air	2.965e-3	99.5%	2.024e-3	99.4%	1.407e-3	99.7%
inhalation of outdoor air	1.429e-5	0.5%	1.281e-5	0.6%	3.697e-6	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%
local oral exposure	0	%	0	%	0	%
Inhal	**2.979e-3**		**2.037e-3**		**1.411e-3**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	2.979e-3	100.0%	2.037e-3	100.0%	1.411e-3	100.0%

(*) Refer to the full report for more information about these values.

Toluene

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	1.020e+0	6.971e-1	4.829e-1
Overall RI for systemic threshold effects	1.020e+0	6.971e-1	4.829e-1

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr	6-<15 yr	15-<71 yr
	mg/kg bw·d or mg/m³	mg/kg bw·d or mg/m³	mg/kg bw·d or mg/m³
Oral intake	**0**	**0**	**0**

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**2.651e-1**		**1.812e-1**		**1.255e-1**	
inhalation of indoor air	2.638e-1	99.5%	1.801e-1	99.4%	1.252e-1	99.7%
inhalation of outdoor air	1.257e-3	0.5%	1.127e-3	0.6%	3.253e-4	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%
local oral exposure	0	%	0	%	0	%
Inhal	**2.651e-1**		**1.812e-1**		**1.255e-1**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	2.651e-1	100.0%	1.812e-1	100.0%	1.255e-1	100.0%

(*) Refer to the full report for more information about these values.

Ethylbenzene

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	2.284e-2	1.562e-2	1.082e-2
Overall RI for systemic threshold effects	2.284e-2	1.562e-2	1.082e-2

Non-threshold, systemic	Age group 1	Age group 2	Age group 3	Lifelong
Oral ExCR for systemic non-threshold effects	0	0	0	0
Dermal ExCR for systemic non-threshold effects	0	0	0	0
Inhalation ExCR for systemic non-threshold effects	1.713e-5	1.171e-5	8.113e-6	9.220e-6
Overall ExCR for systemic non-threshold effects	1.713e-5	1.171e-5	8.113e-6	9.220e-6

Concentration indexes

Concentration index	Limit value
CI Environment	mg/m^3
Water CI	
Outdoor air CI	
Indoor air CI	
CI Animal products	mg/kg fw
Beef CI	
Sheep meat CI	
Liver CI	
Kidney CI	

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**6.853e-3**		**4.685e-3**		**3.245e-3**	
inhalation of indoor air	6.821e-3	99.5%	4.656e-3	99.4%	3.237e-3	99.7%
inhalation of outdoor air	3.173e-5	0.5%	2.844e-5	0.6%	8.210e-6	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**6.853e-3**		**4.685e-3**		**3.245e-3**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	6.853e-3	100.0%	4.685e-3	100.0%	3.245e-3	100.0%

(*) Refer to the full report for more information about these values.

m-Xylene

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	1.011e+0	6.915e-1	4.790e-1
Overall RI for systemic threshold effects	1.011e+0	6.915e-1	4.790e-1

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**1.011e-1**		**6.915e-2**		**4.790e-2**	
inhalation of indoor air	1.007e-1	99.5%	6.873e-2	99.4%	4.778e-2	99.7%
inhalation of outdoor air	4.646e-4	0.5%	4.163e-4	0.6%	1.202e-4	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**1.011e-1**		**6.915e-2**		**4.790e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	1.011e-1	100.0%	6.915e-2	100.0%	4.790e-2	100.0%

(*) Refer to the full report for more information about these values.

Naphthalene

Risk indexes

Non-threshold, systemic	Age group 1	Age group 2	Age group 3	Lifelong
Oral ExCR for systemic non-threshold effects	0	0	0	0
Dermal ExCR for systemic non-threshold effects	0	0	0	0
Inhalation ExCR for systemic non-threshold effects	1.859e-5	1.271e-5	8.807e-6	1.001e-5
Overall ExCR for systemic non-threshold effects	1.859e-5	1.271e-5	8.807e-6	1.001e-5

Concentration indexes

Concentration index	Limit value
CI Environment	mg/m³
Water CI	
Outdoor air CI	
Indoor air CI	
CI Animal products	mg/kg fw
Beef CI	
Sheep meat CI	
Liver CI	
Kidney CI	

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**5.469e-4**		**3.738e-4**		**2.590e-4**	
inhalation of indoor air	5.445e-4	99.6%	3.717e-4	99.4%	2.584e-4	99.8%
inhalation of outdoor air	2.357e-6	0.4%	2.112e-6	0.6%	6.097e-7	0.2%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**5.469e-4**		**3.738e-4**		**2.590e-4**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	5.469e-4	100.0%	3.738e-4	100.0%	2.590e-4	100.0%

(*) Refer to the full report for more information about these values.

TPH aliphatic (EC 5-6)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	0	0	0
Overall RI for systemic threshold effects	0	0	0

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**0**		**0**		**0**	
inhalation of indoor air	0	%	0	%	0	%
inhalation of outdoor air	0	%	0	%	0	%
inhalation during showering	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**0**		**0**		**0**	
background inhalation exposure	0	%	0	%	0	%
local inhalation exposure	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

TPH aliphatic (EC >10-12)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	3.283e-1	2.244e-1	1.554e-1
Overall RI for systemic threshold effects	3.283e-1	2.244e-1	1.554e-1

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**3.283e-1**		**2.244e-1**		**1.554e-1**	
inhalation of indoor air	3.266e-1	99.5%	2.230e-1	99.4%	1.550e-1	99.7%
inhalation of outdoor air	1.627e-3	0.5%	1.458e-3	0.6%	4.210e-4	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**3.283e-1**		**2.244e-1**		**1.554e-1**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	3.283e-1	100.0%	2.244e-1	100.0%	1.554e-1	100.0%

(*) Refer to the full report for more information about these values.

TPH aliphatic (EC >12-16)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	3.191e-2	2.182e-2	1.511e-2
Overall RI for systemic threshold effects	3.191e-2	2.182e-2	1.511e-2

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**3.191e-2**		**2.182e-2**		**1.511e-2**	
inhalation of indoor air	3.176e-2	99.5%	2.168e-2	99.4%	1.507e-2	99.7%
inhalation of outdoor air	1.582e-4	0.5%	1.418e-4	0.6%	4.093e-5	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**3.191e-2**		**2.182e-2**		**1.511e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	3.191e-2	100.0%	2.182e-2	100.0%	1.511e-2	100.0%

(*) Refer to the full report for more information about these values.

TPH aliphatic (EC >16-21)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	1.405e-4	9.608e-5	6.654e-5
Overall RI for systemic threshold effects	1.405e-4	9.608e-5	6.654e-5

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**9.837e-4**		**6.725e-4**		**4.658e-4**	
inhalation of indoor air	9.788e-4	99.5%	6.682e-4	99.4%	4.645e-4	99.7%
inhalation of outdoor air	4.876e-6	0.5%	4.370e-6	0.6%	1.262e-6	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**9.837e-4**		**6.725e-4**		**4.658e-4**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	9.837e-4	100.0%	6.725e-4	100.0%	4.658e-4	100.0%

(*) Refer to the full report for more information about these values.

TPH aliphatic (EC >21-35)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	0	0	0
Overall RI for systemic threshold effects	0	0	0

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**0**		**0**		**0**	
inhalation of indoor air	0	%	0	%	0	%
inhalation of outdoor air	0	%	0	%	0	%
inhalation during showering	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**0**		**0**		**0**	
background inhalation exposure	0	%	0	%	0	%
local inhalation exposure	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

TPH aliphatic (EC >6-8)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	2.495e-2	1.706e-2	1.181e-2
Overall RI for systemic threshold effects	2.495e-2	1.706e-2	1.181e-2

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**4.590e-1**		**3.138e-1**		**2.173e-1**	
inhalation of indoor air	4.567e-1	99.5%	3.118e-1	99.4%	2.168e-1	99.7%
inhalation of outdoor air	2.276e-3	0.5%	2.039e-3	0.6%	5.887e-4	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**4.590e-1**		**3.138e-1**		**2.173e-1**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	4.590e-1	100.0%	3.138e-1	100.0%	2.173e-1	100.0%

(*) Refer to the full report for more information about these values.

TPH aliphatic (EC >8-10)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	9.211e-1	6.297e-1	4.361e-1
Overall RI for systemic threshold effects	9.211e-1	6.297e-1	4.361e-1

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**9.211e-1**		**6.297e-1**		**4.361e-1**	
inhalation of indoor air	9.165e-1	99.5%	6.256e-1	99.4%	4.350e-1	99.7%
inhalation of outdoor air	4.566e-3	0.5%	4.092e-3	0.6%	1.181e-3	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**9.211e-1**		**6.297e-1**		**4.361e-1**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	9.211e-1	100.0%	6.297e-1	100.0%	4.361e-1	100.0%

(*) Refer to the full report for more information about these values.

TPH aromatic (EC >6-7)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	0	0	0
Overall RI for systemic threshold effects	0	0	0

Non-threshold, systemic	Age group 1	Age group 2	Age group 3	Lifelong
Oral ExCR for systemic non-threshold effects	0	0	0	0
Dermal ExCR for systemic non-threshold effects	0	0	0	0
Inhalation ExCR for systemic non-threshold effects	0	0	0	0
Overall ExCR for systemic non-threshold effects	0	0	0	0

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI	0	1.000e+0
Outdoor air CI	0	5.000e-3
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**0**		**0**		**0**	
inhalation of indoor air	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
inhalation of outdoor air	0	%	0	%	0	%
inhalation during showering	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%
local oral exposure	0	%	0	%	0	%
Inhal	**0**		**0**		**0**	
background inhalation exposure	0	%	0	%	0	%
local inhalation exposure	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

TPH aromatic (EC >7-8)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	0	0	0
Overall RI for systemic threshold effects	0	0	0

Concentration indexes

	Concentration index	Limit value

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**0**		**0**		**0**	
inhalation of indoor air	0	%	0	%	0	%
inhalation of outdoor air	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
inhalation during showering	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%
local oral exposure	0	%	0	%	0	%
Inhal	**0**		**0**		**0**	
background inhalation exposure	0	%	0	%	0	%
local inhalation exposure	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

TPH aromatic (EC >8-10)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	1.000e+0	6.840e-1	4.737e-1
Overall RI for systemic threshold effects	1.000e+0	6.840e-1	4.737e-1

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3

	Concentration index	Limit value
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**2.001e-1**		**1.368e-1**		**9.475e-2**	
inhalation of indoor air	1.991e-1	99.5%	1.359e-1	99.4%	9.449e-2	99.7%
inhalation of outdoor air	9.901e-4	0.5%	8.873e-4	0.6%	2.561e-4	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%
local oral exposure	0	%	0	%	0	%
Inhal	**2.001e-1**		**1.368e-1**		**9.475e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	2.001e-1	100.0%	1.368e-1	100.0%	9.475e-2	100.0%

(*) Refer to the full report for more information about these values.

TPH aromatic (EC >10-12)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	1.625e-1	1.111e-1	7.694e-2
Overall RI for systemic threshold effects	1.625e-1	1.111e-1	7.694e-2

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw

	Concentration index	Limit value
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**3.250e-2**		**2.222e-2**		**1.539e-2**	
inhalation of indoor air	3.234e-2	99.5%	2.208e-2	99.4%	1.535e-2	99.7%
inhalation of outdoor air	1.601e-4	0.5%	1.435e-4	0.6%	4.142e-5	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr	6-<15 yr	15-<71 yr

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%
local oral exposure	0	%	0	%	0	%
Inhal	**3.250e-2**		**2.222e-2**		**1.539e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	3.250e-2	100.0%	2.222e-2	100.0%	1.539e-2	100.0%

(*) Refer to the full report for more information about these values.

TPH aromatic (EC >12-16)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	1.258e-1	8.603e-2	5.958e-2
Overall RI for systemic threshold effects	1.258e-1	8.603e-2	5.958e-2

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		

	Concentration index	Limit value
Liver CI		
Kidney CI		
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**2.516e-2**		**1.721e-2**		**1.192e-2**	
inhalation of indoor air	2.504e-2	99.5%	1.710e-2	99.4%	1.188e-2	99.7%
inhalation of outdoor air	1.227e-4	0.5%	1.100e-4	0.6%	3.175e-5	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr	6-<15 yr	15-<71 yr
	mg/kg bw·d or mg/m³	mg/kg bw·d or mg/m³	mg/kg bw·d or mg/m³
Oral	**0**	**0**	**0**

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
background oral exposure	0	%	0	%	0	%
local oral exposure	0	%	0	%	0	%
Inhal	**2.516e-2**		**1.721e-2**		**1.192e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	2.516e-2	100.0%	1.721e-2	100.0%	1.192e-2	100.0%

(*) Refer to the full report for more information about these values.

TPH aromatic (EC >16-21)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	6.906e-3	4.721e-3	3.271e-3
Overall RI for systemic threshold effects	6.906e-3	4.721e-3	3.271e-3

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		

	Concentration index	Limit value
Kidney CI		
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**7.251e-4**		**4.957e-4**		**3.434e-4**	
inhalation of indoor air	7.218e-4	99.5%	4.927e-4	99.4%	3.425e-4	99.7%
inhalation of outdoor air	3.375e-6	0.5%	3.024e-6	0.6%	8.730e-7	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**7.251e-4**		**4.957e-4**		**3.434e-4**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	7.251e-4	100.0%	4.957e-4	100.0%	3.434e-4	100.0%

(*) Refer to the full report for more information about these values.

TPH aromatic (EC >21-35)

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	0	0	0
Overall RI for systemic threshold effects	0	0	0

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		

	Concentration index	Limit value
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**0**		**0**		**0**	
inhalation of indoor air	0	%	0	%	0	%
inhalation of outdoor air	0	%	0	%	0	%
inhalation during showering	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
local oral exposure	0	%	0	%	0	%
Inhal	**0**		**0**		**0**	
background inhalation exposure	0	%	0	%	0	%
local inhalation exposure	0	%	0	%	0	%

(*) Refer to the full report for more information about these values.

Methyl-t-butylether

Risk indexes

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Oral RI for systemic threshold effects	0	0	0
Dermal RI for systemic threshold effects	0	0	0
Inhalation RI for systemic threshold effects	2.337e-2	1.598e-2	1.107e-2
Overall RI for systemic threshold effects	2.337e-2	1.598e-2	1.107e-2

Non-threshold, systemic	Age group 1	Age group 2	Age group 3	Lifelong
Oral ExCR for systemic non-threshold effects	0	0	0	0
Dermal ExCR for systemic non-threshold effects	0	0	0	0
Inhalation ExCR for systemic non-threshold effects	1.823e-5	1.246e-5	8.634e-6	9.812e-6
Overall ExCR for systemic non-threshold effects	1.823e-5	1.246e-5	8.634e-6	9.812e-6

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI		
Outdoor air CI		
Indoor air CI		
CI Animal products		mg/kg fw
Beef CI		
Sheep meat CI		
Liver CI		
Kidney CI		
Milk CI		
Butter CI		
Egg CI		
CI feed crops		mg/kg fw
Grass CI		
Maize CI		

Exposure overview

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral intake	**0**		**0**		**0**	
intake via eggs	0	%	0	%	0	%
intake via local vegetables	0	%	0	%	0	%
intake via meat & milk	0	%	0	%	0	%
soil & dust ingestion	0	%	0	%	0	%
intake via water	0	%	0	%	0	%
Dermal intake	**0**		**0**		**0**	
uptake via bathing	0	%	0	%	0	%
uptake via showering	0	%	0	%	0	%
uptake via soil & dust	0	%	0	%	0	%
Intake via inhalation	**7.012e-2**		**4.794e-2**		**3.321e-2**	
inhalation of indoor air	6.979e-2	99.5%	4.765e-2	99.4%	3.312e-2	99.7%

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
inhalation of outdoor air	3.278e-4	0.5%	2.937e-4	0.6%	8.479e-5	0.3%
inhalation during showering	0	0.0%	0	0.0%	0	0.0%

(*) Refer to the full report for more information about these values.

Local vs background exposure

	1-<6 yr		6-<15 yr		15-<71 yr	
	mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³		mg/kg bw·d or mg/m³	
Oral	**0**		**0**		**0**	
background oral exposure	0	%	0	%	0	%
local oral exposure	0	%	0	%	0	%
Inhal	**7.012e-2**		**4.794e-2**		**3.321e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	7.012e-2	100.0%	4.794e-2	100.0%	3.321e-2	100.0%

(*) Refer to the full report for more information about these values.

List of user-modified parameters

In the table below user-modified parameters are listed like they are saved in the system. If the format of the values shown is not immediately clear, refer to the extended report for more details.

Topic	Soil layer	Chemical	Parameter	Value	Comment
Scenario			scenarioName	Residential only inhal	
Scenario			Layer index targeted for optimization	1	
Soil	Standard sand (0.0m)		Top of layer	0.0E0	
Soil	Standard sand (2.0m)		Top of layer	2.0E0	
Soil	Standard sand (0.0m)	Benzene	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	Benzene	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	Benzene	Measured soil layer concentration	0.355	
Soil	Standard sand (2.0m)	Benzene	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	Ethylbenzene	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	Ethylbenzene	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	Ethylbenzene	Measured soil layer concentration	1.55	
Soil	Standard sand (2.0m)	Ethylbenzene	Measured soil layer concentration - indoor profile	0	

Topic	Soil layer	Chemical	Parameter	Value	Comment
Soil	Standard sand (0.0m)	Methyl-t-butylether	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	Methyl-t-butylether	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	Methyl-t-butylether	Measured soil layer concentration	14.5	
Soil	Standard sand (2.0m)	Methyl-t-butylether	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	Naphthalene	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	Naphthalene	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	Naphthalene	Measured soil layer concentration	14.5	
Soil	Standard sand (2.0m)	Naphthalene	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC 5-6)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC 5-6)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aliphatic (EC 5-6)	Measured soil layer concentration	0	
Soil	Standard sand (2.0m)	TPH aliphatic (EC 5-6)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >10-12)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >10-12)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >10-12)	Measured soil layer concentration	819	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >10-12)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >12-16)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >12-16)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >12-16)	Measured soil layer concentration	4728.75	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >12-16)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >16-21)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >16-21)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >16-21)	Measured soil layer concentration	2242.5	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >16-21)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >21-35)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >21-35)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >21-35)	Measured soil layer concentration	0	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >21-35)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >6-8)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >6-8)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >6-8)	Measured soil layer concentration	9.75	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >6-8)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >8-10)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aliphatic (EC >8-10)	Measured soil layer concentration - indoor profile	0	

Topic	Soil layer	Chemical	Parameter	Value	Comment
Soil	Standard sand (2.0m)	TPH aliphatic (EC >8-10)	Measured soil layer concentration	87.75	
Soil	Standard sand (2.0m)	TPH aliphatic (EC >8-10)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >10-12)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >10-12)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >10-12)	Measured soil layer concentration	136.5	
Soil	Standard sand (2.0m)	TPH aromatic (EC >10-12)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >12-16)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >12-16)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >12-16)	Measured soil layer concentration	1121.25	
Soil	Standard sand (2.0m)	TPH aromatic (EC >12-16)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >16-21)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >16-21)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >16-21)	Measured soil layer concentration	682.5	
Soil	Standard sand (2.0m)	TPH aromatic (EC >16-21)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >21-35)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >21-35)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >21-35)	Measured soil layer concentration	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >21-35)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >6-7)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >6-7)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >6-7)	Measured soil layer concentration	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >6-7)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >7-8)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >7-8)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >7-8)	Measured soil layer concentration	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >7-8)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >8-10)	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	TPH aromatic (EC >8-10)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	TPH aromatic (EC >8-10)	Measured soil layer concentration	156	
Soil	Standard sand (2.0m)	TPH aromatic (EC >8-10)	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (0.0m)	Toluene	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	Toluene	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	Toluene	Measured soil layer concentration	44.5	
Soil	Standard sand (2.0m)	Toluene	Measured soil layer concentration - indoor profile	0	

Topic	Soil layer	Chemical	Parameter	Value	Comment
Soil	Standard sand (0.0m)	m-Xylene	Measured soil layer concentration	0	
Soil	Standard sand (0.0m)	m-Xylene	Measured soil layer concentration - indoor profile	0	
Soil	Standard sand (2.0m)	m-Xylene	Measured soil layer concentration	25.5	
Soil	Standard sand (2.0m)	m-Xylene	Measured soil layer concentration - indoor profile	0	
Water			Groundwater calculated or not (1 = calculated)	1	
Water		Benzene	Concentration in groundwater	120.4648226	
Water		Ethylbenzene	Concentration in groundwater	224.8197531	
Water		Methyl-t-butylether	Concentration in groundwater	28442.52493	
Water		Naphthalene	Concentration in groundwater	298.753396	
Water		TPH aliphatic (EC 5-6)	Concentration in groundwater	0	
Water		TPH aliphatic (EC >10-12)	Concentration in groundwater	19.701493	
Water		TPH aliphatic (EC >12-16)	Concentration in groundwater	0.4403863141	
Water		TPH aliphatic (EC >16-21)	Concentration in groundwater	0.001448639191	
Water		TPH aliphatic (EC >21-35)	Concentration in groundwater	0	
Water		TPH aliphatic (EC >6-8)	Concentration in groundwater	65.93607326	
Water		TPH aliphatic (EC >8-10)	Concentration in groundwater	82.77776401	
Water		TPH aromatic (EC >10-12)	Concentration in groundwater	1659.287722	
Water		TPH aromatic (EC >12-16)	Concentration in groundwater	3360.842923	
Water		TPH aromatic (EC >16-21)	Concentration in groundwater	376.6461897	
Water		TPH aromatic (EC >21-35)	Concentration in groundwater	0	
Water		TPH aromatic (EC >6-7)	Concentration in groundwater	0	
Water		TPH aromatic (EC >7-8)	Concentration in groundwater	0	
Water		TPH aromatic (EC >8-10)	Concentration in groundwater	2991.419219	
Water		Toluene	Concentration in groundwater	9530.771625	
Water		m-Xylene	Concentration in groundwater	3785.507581	

Version: 1.2.6 - Calculated with version: 1.2.6 - Region: Wallonia