S-Risk report - CSM_A_3ep

Administrative information

Name: CSM_A_3ep
Label: YV
Application: II Site specific risk assessment
Region: Wallonia
Description: RI1 limon met GW

Main results

Chemical	Highest RI (>1)	Highest ExCR ($>10^{-5}$)	Highest pRI (>1)	Highest CI (>1)
Benzene	1.008e+0	9.776e-6		5.932e-3 (Outdoor air CI)
Toluene	9.981e-1			(Indoor air CI)
Ethylbenzene	2.341e-2	9.460e-6		(Indoor air CI)
m-Xylene	9.756e-1			(Indoor air CI)
Naphthalene		9.711e-6		(Indoor air CI)
TPH aliphatic (EC 5-6)	0			(Indoor air CI)
TPH aliphatic (EC >10-12)	1.237e-1			(Indoor air CI)
TPH aliphatic (EC >12-16)	1.203e-2			(Indoor air CI)
TPH aliphatic (EC >16-21)	5.296e-5			(Indoor air CI)
TPH aliphatic (EC >21-35)	0			(Indoor air CI)
TPH aliphatic (EC >6-8)	2.508e-2			(Indoor air CI)
TPH aliphatic (EC >8-10)	9.155e-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)	9.843e-1			(Indoor air CI)
TPH aromatic (EC >10-12)	1.600e-1			(Indoor air CI)
TPH aromatic (EC >12-16)	4.722e-2			(Indoor air CI)
TPH aromatic (EC >16-21)	2.566e-3			(Indoor air CI)
TPH aromatic (EC >21-35)	0			(Indoor air CI)
Methyl-t-butylether	2.287e-2	9.611e-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 loam	Standard loam	Groundwater
Layer properties				
Top of layer	m	0.0	7.0	8.0
OM	%	2.5	2.5	
Clay content	%	14.0	14.0	
pH_{KCl}		5.800e+0	5.800e+0	
Concentrations		**mg/kg dm**	**mg/kg dm**	**µg/l (Calculated)**
Benzene		0	8.500e-1	3.333e+2
Toluene		0	1.000e+2	2.572e+4
Ethylbenzene		0	3.650e+0	6.499e+2
m-Xylene		0	5.700e+1	1.037e+4
Naphthalene		0	3.200e+1	8.418e+2
TPH aliphatic (EC 5-6)		0	0	0
TPH aliphatic (EC >10-12)		0	1.673e+3	1.970e+1

	Standard loam	Standard loam	Groundwater
TPH aliphatic (EC >12-16)	0	9.662e+3	4.404e-1
TPH aliphatic (EC >16-21)	0	4.582e+3	1.449e-3
TPH aliphatic (EC >21-35)	0	0	0
TPH aliphatic (EC >6-8)	0	1.990e+1	1.759e+2
TPH aliphatic (EC >8-10)	0	1.793e+2	2.183e+2
TPH aromatic (EC >6-7)	0	0	0
TPH aromatic (EC >7-8)	0	0	0
TPH aromatic (EC >8-10)	0	3.188e+2	7.813e+3
TPH aromatic (EC >10-12)	0	2.789e+2	4.341e+3
TPH aromatic (EC >12-16)	0	2.291e+3	3.361e+3
TPH aromatic (EC >16-21)	0	1.395e+3	3.766e+2
TPH aromatic (EC >21-35)	0	0	0
Methyl-t-butylether	0	5.000e+1	7.551e+4

Results per chemical

Benzene

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	1.008e+0	6.883e-1	4.783e-1
Overall RI for systemic threshold effects	1.008e+0	6.883e-1	4.783e-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

Non-threshold, systemic	Age group 1	Age group 2	Age group 3	Lifelong
Dermal ExCR for systemic non-threshold effects	0	0	0	0
Inhalation ExCR for systemic non-threshold effects	1.815e-5	1.239e-5	8.609e-6	9.776e-6
Overall ExCR for systemic non-threshold effects	1.815e-5	1.239e-5	8.609e-6	9.776e-6

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m^3
Water CI	0	1.000e+0
Outdoor air CI	5.932e-3	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	**3.024e-3**		**2.065e-3**		**1.435e-3**	

	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 indoor air	3.022e-3	99.9%	2.063e-3	99.9%	1.434e-3	100.0%
inhalation of outdoor air	2.305e-6	0.1%	2.066e-6	0.1%	5.964e-7	0.0%
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	**3.024e-3**		**2.065e-3**		**1.435e-3**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	3.024e-3	100.0%	2.065e-3	100.0%	1.435e-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	9.981e-1	6.815e-1	4.735e-1
Overall RI for systemic threshold effects	9.981e-1	6.815e-1	4.735e-1

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI		
Outdoor air CI		

	Concentration index	Limit value
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	**2.595e-1**		**1.772e-1**		**1.231e-1**	
inhalation of indoor air	2.593e-1	99.9%	1.770e-1	99.9%	1.231e-1	100.0%
inhalation of outdoor air	1.976e-4	0.1%	1.771e-4	0.1%	5.113e-5	0.0%
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	**2.595e-1**		**1.772e-1**		**1.231e-1**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	2.595e-1	100.0%	1.772e-1	100.0%	1.231e-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	2.341e-2	1.599e-2	1.111e-2
Overall RI for systemic threshold effects	2.341e-2	1.599e-2	1.111e-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	1.756e-5	1.199e-5	8.331e-6	9.460e-6
Overall ExCR for systemic non-threshold effects	1.756e-5	1.199e-5	8.331e-6	9.460e-6

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	**7.024e-3**		**4.796e-3**		**3.332e-3**	
inhalation of indoor air	7.019e-3	99.9%	4.791e-3	99.9%	3.331e-3	100.0%
inhalation of outdoor air	5.340e-6	0.1%	4.785e-6	0.1%	1.381e-6	0.0%
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	**7.024e-3**		**4.796e-3**		**3.332e-3**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	7.024e-3	100.0%	4.796e-3	100.0%	3.332e-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	9.756e-1	6.662e-1	4.628e-1
Overall RI for systemic threshold effects	9.756e-1	6.662e-1	4.628e-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		

	Concentration index	Limit value
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	**9.756e-2**		**6.662e-2**		**4.628e-2**	
inhalation of indoor air	9.749e-2	99.9%	6.655e-2	99.9%	4.627e-2	100.0%
inhalation of outdoor air	7.413e-5	0.1%	6.643e-5	0.1%	1.918e-5	0.0%
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	**9.756e-2**		**6.662e-2**		**4.628e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	9.756e-2	100.0%	6.662e-2	100.0%	4.628e-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	1.802e-5	1.231e-5	8.551e-6	9.711e-6
Overall ExCR for systemic non-threshold effects	1.802e-5	1.231e-5	8.551e-6	9.711e-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		
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	%

	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 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	**5.301e-4**		**3.620e-4**		**2.515e-4**	
inhalation of indoor air	5.297e-4	99.9%	3.616e-4	99.9%	2.514e-4	100.0%
inhalation of outdoor air	4.036e-7	0.1%	3.617e-7	0.1%	1.044e-7	0.0%
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	**5.301e-4**		**3.620e-4**		**2.515e-4**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	5.301e-4	100.0%	3.620e-4	100.0%	2.515e-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

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

	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 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	%
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	1.237e-1	8.448e-2	5.870e-2
Overall RI for systemic threshold effects	1.237e-1	8.448e-2	5.870e-2

Concentration indexes

	Concentration index	Limit value
CI Environment		mg/m³
Water CI		
Outdoor air CI		

	Concentration index	Limit value
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	**1.237e-1**		**8.448e-2**		**5.870e-2**	
inhalation of indoor air	1.236e-1	99.9%	8.440e-2	99.9%	5.867e-2	100.0%
inhalation of outdoor air	9.446e-5	0.1%	8.465e-5	0.1%	2.444e-5	0.0%
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	**1.237e-1**		**8.448e-2**		**5.870e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	1.237e-1	100.0%	8.448e-2	100.0%	5.870e-2	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	1.203e-2	8.213e-3	5.706e-3
Overall RI for systemic threshold effects	1.203e-2	8.213e-3	5.706e-3

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		

	Concentration index	Limit value
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	**1.203e-2**		**8.213e-3**		**5.706e-3**	
inhalation of indoor air	1.202e-2	99.9%	8.205e-3	99.9%	5.704e-3	100.0%
inhalation of outdoor air	9.183e-6	0.1%	8.230e-6	0.1%	2.376e-6	0.0%
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	**1.203e-2**		**8.213e-3**		**5.706e-3**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	1.203e-2	100.0%	8.213e-3	100.0%	5.706e-3	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	5.296e-5	3.616e-5	2.513e-5
Overall RI for systemic threshold effects	5.296e-5	3.616e-5	2.513e-5

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**	
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	%

	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 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	**3.707e-4**		**2.531e-4**		**1.759e-4**	
inhalation of indoor air	3.705e-4	99.9%	2.529e-4	99.9%	1.758e-4	100.0%
inhalation of outdoor air	2.831e-7	0.1%	2.537e-7	0.1%	7.323e-8	0.0%
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	**3.707e-4**		**2.531e-4**		**1.759e-4**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	3.707e-4	100.0%	2.531e-4	100.0%	1.759e-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

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
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		
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 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	2.508e-2	1.713e-2	1.190e-2
Overall RI for systemic threshold effects	2.508e-2	1.713e-2	1.190e-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

	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	**4.615e-1**		**3.151e-1**		**2.189e-1**	
inhalation of indoor air	4.612e-1	99.9%	3.148e-1	99.9%	2.189e-1	100.0%
inhalation of outdoor air	3.524e-4	0.1%	3.158e-4	0.1%	9.115e-5	0.0%
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	%

	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	
Inhal	**4.615e-1**		**3.151e-1**		**2.189e-1**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	4.615e-1	100.0%	3.151e-1	100.0%	2.189e-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	9.155e-1	6.251e-1	4.343e-1
Overall RI for systemic threshold effects	9.155e-1	6.251e-1	4.343e-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		
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	**9.155e-1**		**6.251e-1**		**4.343e-1**	
inhalation of indoor air	9.148e-1	99.9%	6.245e-1	99.9%	4.342e-1	100.0%
inhalation of outdoor air	6.990e-4	0.1%	6.264e-4	0.1%	1.808e-4	0.0%
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	**9.155e-1**		**6.251e-1**		**4.343e-1**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	9.155e-1	100.0%	6.251e-1	100.0%	4.343e-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/m^3
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		

	Concentration index	Limit value
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	%
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
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	%

	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 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	%
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	9.843e-1	6.721e-1	4.670e-1

Threshold effect, systemic	Age group 1	Age group 2	Age group 3
Overall RI for systemic threshold effects	9.843e-1	6.721e-1	4.670e-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**	
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	**1.969e-1**		**1.344e-1**		**9.339e-2**	
inhalation of indoor air	1.967e-1	99.9%	1.343e-1	99.9%	9.336e-2	100.0%
inhalation of outdoor air	1.503e-4	0.1%	1.347e-4	0.1%	3.889e-5	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%	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	**1.969e-1**		**1.344e-1**		**9.339e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	1.969e-1	100.0%	1.344e-1	100.0%	9.339e-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	1.600e-1	1.092e-1	7.589e-2
Overall RI for systemic threshold effects	1.600e-1	1.092e-1	7.589e-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

	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	**3.199e-2**		**2.185e-2**		**1.518e-2**	
inhalation of indoor air	3.197e-2	99.9%	2.182e-2	99.9%	1.517e-2	100.0%
inhalation of outdoor air	2.443e-5	0.1%	2.190e-5	0.1%	6.321e-6	0.0%
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	%

	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	
Inhal	**3.199e-2**		**2.185e-2**		**1.518e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	3.199e-2	100.0%	2.185e-2	100.0%	1.518e-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	4.722e-2	3.224e-2	2.240e-2
Overall RI for systemic threshold effects	4.722e-2	3.224e-2	2.240e-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		
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	**9.445e-3**		**6.449e-3**		**4.481e-3**	
inhalation of indoor air	9.437e-3	99.9%	6.442e-3	99.9%	4.479e-3	100.0%
inhalation of outdoor air	7.217e-6	0.1%	6.467e-6	0.1%	1.867e-6	0.0%
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	**9.445e-3**		**6.449e-3**		**4.481e-3**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	9.445e-3	100.0%	6.449e-3	100.0%	4.481e-3	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	2.566e-3	1.752e-3	1.217e-3
Overall RI for systemic threshold effects	2.566e-3	1.752e-3	1.217e-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		
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	%

	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 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	**2.694e-4**		**1.840e-4**		**1.278e-4**	
inhalation of indoor air	2.692e-4	99.9%	1.838e-4	99.9%	1.278e-4	100.0%
inhalation of outdoor air	2.064e-7	0.1%	1.850e-7	0.1%	5.341e-8	0.0%
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	**2.694e-4**		**1.840e-4**		**1.278e-4**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	2.694e-4	100.0%	1.840e-4	100.0%	1.278e-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

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

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	2.287e-2	1.562e-2	1.085e-2
Overall RI for systemic threshold effects	2.287e-2	1.562e-2	1.085e-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

Non-threshold, systemic	Age group 1	Age group 2	Age group 3	Lifelong
Dermal ExCR for systemic non-threshold effects	0	0	0	0
Inhalation ExCR for systemic non-threshold effects	1.784e-5	1.218e-5	8.463e-6	9.611e-6
Overall ExCR for systemic non-threshold effects	1.784e-5	1.218e-5	8.463e-6	9.611e-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		
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	**6.861e-2**		**4.685e-2**		**3.255e-2**	

	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 indoor air	6.856e-2	99.9%	4.680e-2	99.9%	3.254e-2	100.0%
inhalation of outdoor air	5.247e-5	0.1%	4.702e-5	0.1%	1.358e-5	0.0%
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	**6.861e-2**		**4.685e-2**		**3.255e-2**	
background inhalation exposure	0	0.0%	0	0.0%	0	0.0%
local inhalation exposure	6.861e-2	100.0%	4.685e-2	100.0%	3.255e-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	
Soil	Standard loam (0.0m)		Top of layer	0.0E0	
Soil	Standard loam (7.0m)		Top of layer	7.0E0	
Soil	Standard loam (0.0m)	Benzene	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	Benzene	Measured soil layer concentration	0.85	
Soil	Standard loam (0.0m)	Ethylbenzene	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	Ethylbenzene	Measured soil layer concentration	3.65	
Soil	Standard loam (0.0m)	Methyl-t-butylether	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	Methyl-t-butylether	Measured soil layer concentration	50	

Topic	Soil layer	Chemical	Parameter	Value	Comment
Soil	Standard loam (0.0m)	Naphthalene	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	Naphthalene	Measured soil layer concentration	32	
Soil	Standard loam (0.0m)	TPH aliphatic (EC 5-6)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aliphatic (EC 5-6)	Measured soil layer concentration	0	
Soil	Standard loam (0.0m)	TPH aliphatic (EC >10-12)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aliphatic (EC >10-12)	Measured soil layer concentration	1673	
Soil	Standard loam (0.0m)	TPH aliphatic (EC >12-16)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aliphatic (EC >12-16)	Measured soil layer concentration	9662.1	
Soil	Standard loam (0.0m)	TPH aliphatic (EC >16-21)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aliphatic (EC >16-21)	Measured soil layer concentration	4582	
Soil	Standard loam (0.0m)	TPH aliphatic (EC >21-35)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aliphatic (EC >21-35)	Measured soil layer concentration	0	
Soil	Standard loam (0.0m)	TPH aliphatic (EC >6-8)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aliphatic (EC >6-8)	Measured soil layer concentration	19.9	
Soil	Standard loam (0.0m)	TPH aliphatic (EC >8-10)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aliphatic (EC >8-10)	Measured soil layer concentration	179.3	
Soil	Standard loam (0.0m)	TPH aromatic (EC >10-12)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aromatic (EC >10-12)	Measured soil layer concentration	278.9	
Soil	Standard loam (0.0m)	TPH aromatic (EC >12-16)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aromatic (EC >12-16)	Measured soil layer concentration	2291	
Soil	Standard loam (0.0m)	TPH aromatic (EC >16-21)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aromatic (EC >16-21)	Measured soil layer concentration	1394.5	
Soil	Standard loam (0.0m)	TPH aromatic (EC >21-35)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aromatic (EC >21-35)	Measured soil layer concentration	0	

Topic	Soil layer	Chemical	Parameter	Value	Comment
Soil	Standard loam (0.0m)	TPH aromatic (EC >6-7)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aromatic (EC >6-7)	Measured soil layer concentration	0	
Soil	Standard loam (0.0m)	TPH aromatic (EC >7-8)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aromatic (EC >7-8)	Measured soil layer concentration	0	
Soil	Standard loam (0.0m)	TPH aromatic (EC >8-10)	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	TPH aromatic (EC >8-10)	Measured soil layer concentration	318.8	
Soil	Standard loam (0.0m)	Toluene	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	Toluene	Measured soil layer concentration	100	
Soil	Standard loam (0.0m)	m-Xylene	Measured soil layer concentration	0	
Soil	Standard loam (7.0m)	m-Xylene	Measured soil layer concentration	57	
Water			Groundwater calculated or not (1 = calculated)	1	
Water			Depth of the groundwater table	8	
Water		Benzene	Concentration in groundwater	333.347481	
Water		Ethylbenzene	Concentration in groundwater	649.8717683	
Water		Methyl-t-butylether	Concentration in groundwater	75508.68165	
Water		Naphthalene	Concentration in groundwater	841.7701816	
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	175.8935701	
Water		TPH aliphatic (EC >8-10)	Concentration in groundwater	218.3011706	
Water		TPH aromatic (EC >10-12)	Concentration in groundwater	4341.279816	
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	

Topic	Soil layer	Chemical	Parameter	Value	Comment
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	7812.506591	
Water		Toluene	Concentration in groundwater	25721.79527	
Water		m-Xylene	Concentration in groundwater	10373.69773	

Version: 1.3.1 - Calculated with version: 1.3.1 - Region: Wallonia