# S-Risk report - CSM_A_3zk_superf

## Administrative information

**Name:** CSM_A_3zk_superf
**Label:** YV
**Application:** II Site specific risk assessment
**Region:** Wallonia
**Description:** RI1

## Main results

| | Highest RI | Highest ExCR | Highest pRI | Highest CI |
|---|---|---|---|---|
| **Chemical** | (>1) | (>$10^{-5}$) | (>1) | (>1) |
| Benzene | 9.968e-1 | 9.552e-6 | | 3.420e-1 (Outdoor air CI) |
| Toluene | 1.006e+0 | | | (Indoor air CI) |
| Ethylbenzene | 2.458e-2 | 9.814e-6 | | (Indoor air CI) |
| m-Xylene | 9.730e-1 | | | (Indoor air CI) |
| Naphthalene | | 9.350e-6 | | (Indoor air CI) |
| TPH aliphatic (EC 5-6) | 0 | | | (Indoor air CI) |
| TPH aliphatic (EC >10-12) | 1.488e-2 | | | (Indoor air CI) |
| TPH aliphatic (EC >12-16) | 1.446e-3 | | | (Indoor air CI) |
| TPH aliphatic (EC >16-21) | 6.369e-6 | | | (Indoor air CI) |
| TPH aliphatic (EC >21-35) | 0 | | | (Indoor air CI) |
| TPH aliphatic (EC >6-8) | 5.366e-2 | | | (Indoor air CI) |
| TPH aliphatic (EC >8-10) | 1.257e-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) | 5.707e-1 | | | (Indoor air CI) |
| TPH aromatic (EC >10-12) | 6.421e-2 | | | (Indoor air CI) |
| TPH aromatic (EC >12-16) | 5.684e-3 | | | (Indoor air CI) |
| TPH aromatic (EC >16-21) | 3.097e-4 | | | (Indoor air CI) |
| TPH aromatic (EC >21-35) | 0 | | | (Indoor air CI) |
| Methyl-t-butylether | 2.424e-2 | 1.007e-5 | | (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 | | Slab-on-grade |
| 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 | 1.0 | 2.0 |
| OM | % | 2.5 | 2.5 | |
| Clay content | % | 14.0 | 14.0 | |

| | Standard loam | Standard loam | Groundwater |
|---|---|---|---|
| $pH_{KCl}$ | 5.800e+0 | 5.800e+0 | |
| **Concentrations** | **mg/kg dm** | **mg/kg dm** | **µg/l (Calculated)** |
| Benzene | 0 | 7.000e+0 | 2.745e+3 |
| Toluene | 0 | 8.400e+2 | 2.161e+5 |
| Ethylbenzene | 0 | 3.200e+1 | 5.698e+3 |
| m-Xylene | 0 | 4.750e+2 | 8.645e+4 |
| Naphthalene | 0 | 2.600e+2 | 6.839e+3 |
| TPH aliphatic (EC 5-6) | 0 | 0 | 0 |
| TPH aliphatic (EC >10-12) | 0 | 3.024e+4 | 1.970e+1 |
| TPH aliphatic (EC >12-16) | 0 | 1.746e+5 | 4.404e-1 |
| TPH aliphatic (EC >16-21) | 0 | 8.280e+4 | 1.449e-3 |
| TPH aliphatic (EC >21-35) | 0 | 0 | 0 |
| TPH aliphatic (EC >6-8) | 0 | 3.600e+2 | 3.129e+3 |
| TPH aliphatic (EC >8-10) | 0 | 3.240e+3 | 2.492e+2 |
| TPH aromatic (EC >6-7) | 0 | 0 | 0 |
| TPH aromatic (EC >7-8) | 0 | 0 | 0 |
| TPH aromatic (EC >8-10) | 0 | 5.760e+3 | 3.766e+4 |
| TPH aromatic (EC >10-12) | 0 | 5.040e+3 | 1.449e+4 |
| TPH aromatic (EC >12-16) | 0 | 4.140e+4 | 3.361e+3 |
| TPH aromatic (EC >16-21) | 0 | 2.520e+4 | 3.766e+2 |
| TPH aromatic (EC >21-35) | 0 | 0 | 0 |
| Methyl-t-butylether | 0 | 4.400e+2 | 6.645e+5 |

# 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 | 9.968e-1 | 6.899e-1 | 4.635e-1 |
| Overall RI for systemic threshold effects | 9.968e-1 | 6.899e-1 | 4.635e-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 | 1.794e-5 | 1.242e-5 | 8.343e-6 | 9.552e-6 |
| Overall ExCR for systemic non-threshold effects | 1.794e-5 | 1.242e-5 | 8.343e-6 | 9.552e-6 |

## Concentration indexes

| | Concentration index | Limit value |
|---|---|---|
| **CI Environment** | | mg/m$^3$ |
| Water CI | 0 | 1.000e+0 |
| Outdoor air CI | 3.420e-1 | 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** | **2.990e-3** | | **2.070e-3** | | **1.390e-3** | |
| inhalation of indoor air | 2.857e-3 | 95.6% | 1.951e-3 | 94.2% | 1.356e-3 | 97.5% |
| inhalation of outdoor air | 1.329e-4 | 4.4% | 1.191e-4 | 5.8% | 3.438e-5 | 2.5% |
| 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** | **2.990e-3** | | **2.070e-3** | | **1.390e-3** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 2.990e-3 | 100.0% | 2.070e-3 | 100.0% | 1.390e-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 | 1.006e+0 | 6.961e-1 | 4.676e-1 |
| Overall RI for systemic threshold effects | 1.006e+0 | 6.961e-1 | 4.676e-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** | **2.615e-1** | | **1.810e-1** | | **1.216e-1** | |
| inhalation of indoor air | 2.499e-1 | 95.6% | 1.706e-1 | 94.2% | 1.186e-1 | 97.5% |
| inhalation of outdoor air | 1.162e-2 | 4.4% | 1.041e-2 | 5.8% | 3.006e-3 | 2.5% |
| 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** | **2.615e-1** | | **1.810e-1** | | **1.216e-1** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 2.615e-1 | 100.0% | 1.810e-1 | 100.0% | 1.216e-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 | 2.458e-2 | 1.701e-2 | 1.143e-2 |
| Overall RI for systemic threshold effects | 2.458e-2 | 1.701e-2 | 1.143e-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 | 1.843e-5 | 1.276e-5 | 8.571e-6 | 9.814e-6 |
| Overall ExCR for systemic non-threshold effects | 1.843e-5 | 1.276e-5 | 8.571e-6 | 9.814e-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** | **7.374e-3** | | **5.103e-3** | | **3.429e-3** | |
| inhalation of indoor air | 7.046e-3 | 95.6% | 4.810e-3 | 94.2% | 3.344e-3 | 97.5% |
| inhalation of outdoor air | 3.277e-4 | 4.4% | 2.937e-4 | 5.8% | 8.478e-5 | 2.5% |
| 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** | **7.374e-3** | | **5.103e-3** | | **3.429e-3** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 7.374e-3 | 100.0% | 5.103e-3 | 100.0% | 3.429e-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 | 9.730e-1 | 6.734e-1 | 4.524e-1 |
| Overall RI for systemic threshold effects | 9.730e-1 | 6.734e-1 | 4.524e-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** | **9.730e-2** | | **6.734e-2** | | **4.524e-2** | |
| inhalation of indoor air | 9.297e-2 | 95.6% | 6.347e-2 | 94.2% | 4.412e-2 | 97.5% |
| inhalation of outdoor air | 4.324e-3 | 4.4% | 3.875e-3 | 5.8% | 1.119e-3 | 2.5% |
| 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** | **9.730e-2** | | **6.734e-2** | | **4.524e-2** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 9.730e-2 | 100.0% | 6.734e-2 | 100.0% | 4.524e-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 | 1.756e-5 | 1.215e-5 | 8.166e-6 | 9.350e-6 |
| Overall ExCR for systemic non-threshold effects | 1.756e-5 | 1.215e-5 | 8.166e-6 | 9.350e-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 | |

| | 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** | **5.165e-4** | | **3.575e-4** | | **2.402e-4** | |
| inhalation of indoor air | 4.935e-4 | 95.6% | 3.369e-4 | 94.2% | 2.342e-4 | 97.5% |
| inhalation of outdoor air | 2.295e-5 | 4.4% | 2.057e-5 | 5.8% | 5.938e-6 | 2.5% |
| 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** | **5.165e-4** | | **3.575e-4** | | **2.402e-4** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 5.165e-4 | 100.0% | 3.575e-4 | 100.0% | 2.402e-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 | 1.488e-2 | 1.030e-2 | 6.918e-3 |
| Overall RI for systemic threshold effects | 1.488e-2 | 1.030e-2 | 6.918e-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 | |

| | 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** | **1.488e-2** | | **1.030e-2** | | **6.918e-3** | |
| inhalation of indoor air | 1.422e-2 | 95.6% | 9.705e-3 | 94.2% | 6.747e-3 | 97.5% |
| inhalation of outdoor air | 6.612e-4 | 4.4% | 5.925e-4 | 5.8% | 1.711e-4 | 2.5% |
| 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** | **1.488e-2** | | **1.030e-2** | | **6.918e-3** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 1.488e-2 | 100.0% | 1.030e-2 | 100.0% | 6.918e-3 | 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 | 1.446e-3 | 1.001e-3 | 6.726e-4 |
| Overall RI for systemic threshold effects | 1.446e-3 | 1.001e-3 | 6.726e-4 |

### 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** | **1.446e-3** | | **1.001e-3** | | **6.726e-4** | |
| inhalation of indoor air | 1.382e-3 | 95.6% | 9.435e-4 | 94.2% | 6.559e-4 | 97.5% |
| inhalation of outdoor air | 6.428e-5 | 4.4% | 5.761e-5 | 5.8% | 1.663e-5 | 2.5% |
| 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** | **1.446e-3** | | **1.001e-3** | | **6.726e-4** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 1.446e-3 | 100.0% | 1.001e-3 | 100.0% | 6.726e-4 | 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 | 6.369e-6 | 4.408e-6 | 2.962e-6 |
| Overall RI for systemic threshold effects | 6.369e-6 | 4.408e-6 | 2.962e-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 | | |

| | 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** | **4.458e-5** | | **3.086e-5** | | **2.073e-5** | |
| inhalation of indoor air | 4.260e-5 | 95.6% | 2.908e-5 | 94.2% | 2.022e-5 | 97.5% |
| inhalation of outdoor air | 1.981e-6 | 4.4% | 1.776e-6 | 5.8% | 5.126e-7 | 2.5% |
| 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** | **4.458e-5** | | **3.086e-5** | | **2.073e-5** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 4.458e-5 | 100.0% | 3.086e-5 | 100.0% | 2.073e-5 | 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 | 5.366e-2 | 3.714e-2 | 2.495e-2 |
| Overall RI for systemic threshold effects | 5.366e-2 | 3.714e-2 | 2.495e-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** | **9.873e-1** | | **6.833e-1** | | **4.591e-1** | |
| inhalation of indoor air | 9.434e-1 | 95.6% | 6.440e-1 | 94.2% | 4.477e-1 | 97.5% |
| inhalation of outdoor air | 4.388e-2 | 4.4% | 3.932e-2 | 5.8% | 1.135e-2 | 2.5% |
| 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** | **9.873e-1** | | **6.833e-1** | | **4.591e-1** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 9.873e-1 | 100.0% | 6.833e-1 | 100.0% | 4.591e-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 | 1.257e-1 | 8.697e-2 | 5.843e-2 |
| Overall RI for systemic threshold effects | 1.257e-1 | 8.697e-2 | 5.843e-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 | | |

| | 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** | **1.257e-1** | | **8.697e-2** | | **5.843e-2** | |
| inhalation of indoor air | 1.201e-1 | 95.6% | 8.197e-2 | 94.2% | 5.698e-2 | 97.5% |
| inhalation of outdoor air | 5.584e-3 | 4.4% | 5.005e-3 | 5.8% | 1.445e-3 | 2.5% |
| 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** | **1.257e-1** | | **8.697e-2** | | **5.843e-2** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 1.257e-1 | 100.0% | 8.697e-2 | 100.0% | 5.843e-2 | 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 | 5.707e-1 | 3.950e-1 | 2.654e-1 |
| Overall RI for systemic threshold effects | 5.707e-1 | 3.950e-1 | 2.654e-1 |

### Concentration indexes

| | Concentration index | Limit value |
|---|---|---|
| **CI Environment** | | mg/m³ |

| | 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** | **1.141e-1** | | **7.900e-2** | | **5.307e-2** | |
| inhalation of indoor air | 1.091e-1 | 95.6% | 7.446e-2 | 94.2% | 5.176e-2 | 97.5% |
| inhalation of outdoor air | 5.073e-3 | 4.4% | 4.546e-3 | 5.8% | 1.312e-3 | 2.5% |
| 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** | **1.141e-1** | | **7.900e-2** | | **5.307e-2** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 1.141e-1 | 100.0% | 7.900e-2 | 100.0% | 5.307e-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 | 6.421e-2 | 4.444e-2 | 2.986e-2 |
| Overall RI for systemic threshold effects | 6.421e-2 | 4.444e-2 | 2.986e-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** | **1.284e-2** | | **8.889e-3** | | **5.971e-3** | |
| inhalation of indoor air | 1.227e-2 | 95.6% | 8.377e-3 | 94.2% | 5.824e-3 | 97.5% |
| inhalation of outdoor air | 5.707e-4 | 4.4% | 5.115e-4 | 5.8% | 1.477e-4 | 2.5% |
| 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** | **1.284e-2** | | **8.889e-3** | | **5.971e-3** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 1.284e-2 | 100.0% | 8.889e-3 | 100.0% | 5.971e-3 | 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 | 5.684e-3 | 3.934e-3 | 2.643e-3 |
| Overall RI for systemic threshold effects | 5.684e-3 | 3.934e-3 | 2.643e-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 | | |

| | 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** | **1.137e-3** | | **7.868e-4** | | **5.286e-4** | |
| inhalation of indoor air | 1.086e-3 | 95.6% | 7.415e-4 | 94.2% | 5.155e-4 | 97.5% |
| inhalation of outdoor air | 5.052e-5 | 4.4% | 4.527e-5 | 5.8% | 1.307e-5 | 2.5% |
| 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** | **1.137e-3** | | **7.868e-4** | | **5.286e-4** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 1.137e-3 | 100.0% | 7.868e-4 | 100.0% | 5.286e-4 | 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 | 3.097e-4 | 2.143e-4 | 1.440e-4 |
| Overall RI for systemic threshold effects | 3.097e-4 | 2.143e-4 | 1.440e-4 |

### 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** | **3.252e-5** | | **2.251e-5** | | **1.512e-5** | |
| inhalation of indoor air | 3.107e-5 | 95.6% | 2.121e-5 | 94.2% | 1.475e-5 | 97.5% |
| inhalation of outdoor air | 1.445e-6 | 4.4% | 1.295e-6 | 5.8% | 3.738e-7 | 2.5% |
| 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** | **3.252e-5** | | **2.251e-5** | | **1.512e-5** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 3.252e-5 | 100.0% | 2.251e-5 | 100.0% | 1.512e-5 | 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 | 2.424e-2 | 1.678e-2 | 1.127e-2 |
| Overall RI for systemic threshold effects | 2.424e-2 | 1.678e-2 | 1.127e-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 | 1.891e-5 | 1.309e-5 | 8.793e-6 | 1.007e-5 |
| Overall ExCR for systemic non-threshold effects | 1.891e-5 | 1.309e-5 | 8.793e-6 | 1.007e-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 | | |
| 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** | **7.273e-2** | | **5.034e-2** | | **3.382e-2** | |
| inhalation of indoor air | 6.950e-2 | 95.6% | 4.744e-2 | 94.2% | 3.298e-2 | 97.5% |

| | 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 | 3.232e-3 | 4.4% | 2.897e-3 | 5.8% | 8.362e-4 | 2.5% |
| 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** | **7.273e-2** | | **5.034e-2** | | **3.382e-2** | |
| background inhalation exposure | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| local inhalation exposure | 7.273e-2 | 100.0% | 5.034e-2 | 100.0% | 3.382e-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 (1.0m) | | Top of layer | 1.0E0 | |
| Soil | Standard loam (0.0m) | Benzene | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | Benzene | Measured soil layer concentration | 7 | |
| Soil | Standard loam (0.0m) | Ethylbenzene | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | Ethylbenzene | Measured soil layer concentration | 32 | |
| Soil | Standard loam (0.0m) | Methyl-t-butylether | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | Methyl-t-butylether | Measured soil layer concentration | 440 | |
| Soil | Standard loam (0.0m) | Naphthalene | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | Naphthalene | Measured soil layer concentration | 260 | |
| Soil | Standard loam (0.0m) | TPH aliphatic (EC 5-6) | Measured soil layer concentration | 0 | |

| Topic | Soil layer | Chemical | Parameter | Value | Comment |
|---|---|---|---|---|---|
| Soil | Standard loam (1.0m) | 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 (1.0m) | TPH aliphatic (EC >10-12) | Measured soil layer concentration | 30240 | |
| Soil | Standard loam (0.0m) | TPH aliphatic (EC >12-16) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | TPH aliphatic (EC >12-16) | Measured soil layer concentration | 174600 | |
| Soil | Standard loam (0.0m) | TPH aliphatic (EC >16-21) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | TPH aliphatic (EC >16-21) | Measured soil layer concentration | 82800 | |
| Soil | Standard loam (0.0m) | TPH aliphatic (EC >21-35) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | 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 (1.0m) | TPH aliphatic (EC >6-8) | Measured soil layer concentration | 360 | |
| Soil | Standard loam (0.0m) | TPH aliphatic (EC >8-10) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | TPH aliphatic (EC >8-10) | Measured soil layer concentration | 3240 | |
| Soil | Standard loam (0.0m) | TPH aromatic (EC >10-12) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | TPH aromatic (EC >10-12) | Measured soil layer concentration | 5040 | |
| Soil | Standard loam (0.0m) | TPH aromatic (EC >12-16) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | TPH aromatic (EC >12-16) | Measured soil layer concentration | 41400 | |
| Soil | Standard loam (0.0m) | TPH aromatic (EC >16-21) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | TPH aromatic (EC >16-21) | Measured soil layer concentration | 25200 | |
| Soil | Standard loam (0.0m) | TPH aromatic (EC >21-35) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | TPH aromatic (EC >21-35) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (0.0m) | TPH aromatic (EC >6-7) | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | 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 (1.0m) | 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 (1.0m) | TPH aromatic (EC >8-10) | Measured soil layer concentration | 5760 | |
| Soil | Standard loam (0.0m) | Toluene | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | Toluene | Measured soil layer concentration | 840 | |
| Soil | Standard loam (0.0m) | m-Xylene | Measured soil layer concentration | 0 | |
| Soil | Standard loam (1.0m) | m-Xylene | Measured soil layer concentration | 475 | |
| Water | | | Groundwater calculated or not (1 = calculated) | 1 | |
| Water | | | Depth of the groundwater table | 2 | |
| Water | | Benzene | Concentration in groundwater | 2745.21455 | |

| Topic | Soil layer | Chemical | Parameter | Value | Comment |
|---|---|---|---|---|---|
| Water | | Ethylbenzene | Concentration in groundwater | 5697.505914 | |
| Water | | Methyl-t-butylether | Concentration in groundwater | 664476.3985 | |
| Water | | Naphthalene | Concentration in groundwater | 6839.382726 | |
| 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 | 3129.060653 | |
| Water | | TPH aliphatic (EC >8-10) | Concentration in groundwater | 249.1659409 | |
| Water | | TPH aromatic (EC >10-12) | Concentration in groundwater | 14486.39191 | |
| 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 | 37664.61897 | |
| Water | | Toluene | Concentration in groundwater | 216063.0803 | |
| Water | | m-Xylene | Concentration in groundwater | 86447.48111 | |

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