Errata (1-12-99)

L.S.,

I would like to inform you about the following alterations and errors in the report 'Priority assessment of toxic substances in the frame of LCA: development and application of the multi-media fate, exposure and effect model USES-LCA (Huijbregts, 1999)':

1) Potential impacts within the water compartments and sediment compartments were weighted on the basis of their volumes and mass, respectively. To keep this weighing step more explicit, it is decided to further divide these two impact categories into aquatic ecotoxicity and sediment ecotoxicity related to the fresh water and marine environment, respectively.
2) It appeared that the Sediment EcoToxicity Potentials (SETPs) are a factor 2 too high for organic substances with a Kow higher than $1 \cdot 10^5$ and for 17 metals (p. 23-46). USES-LCA increases the Risk Characterisation Ratio (RCR) to account for uptake via ingestion of sediment. This factor 2 is erroneously introduced twice in the calculation procedure.
3) It appeared that human population number on the tropical scale was underestimated (p.11).
4) By mistake, Bifenthrin toxicity potentials after emission to air are reported as toxicity potentials after emission to agricultural soil (p. 36), and DNOC toxicity potentials after emission to industrial soil are reported as toxicity potentials after emission to agricultural soil (p. 40).
5) Some TETPs of Phenanthrene, Fluoranthrene, Atrazine, Captan, Fentin hydroxide, and Permethrin are reported incorrectly due to typing or rounding errors (p. 29, 30, 36, 41, 44).
6) The HTPs of 1,1,1-Trichloroethane, Tetrachloromethane, and Chlorobenzene were calculated with an incorrect $K_{plant\text{-}air}$ (p. 31, 32).
7) The HTPs of Mercury were calculated with an incorrect oral Human Limit Value (HLV) (p. 24).
8) The oral HLVs of some pesticides appeared to be outdated. These outdated values are replaced by oral HLVs found in a recent update from the World Health Organisation (WHO).
9) The conversion of the original units of BAF_{milk} ($d.l^{-1}$ to $d.kg^{-1}$) for metals was done incorrectly. Instead of dividing by the density of milk (1.03 $kg.l^{-1}$), BAF_{milk} values are multiplied with 1.03 $kg.l^{-1}$.
10) Volatilisation of all inorganic substances, except (methyl-)mercury, is neglected in the current calculations (p. 16). This was only the case for metals in the previous calculations.
11) Whenever possible, soil K_p-values based on batch experiments are replaced by field-based K_p-values in the metal calculations (p. 16).
12) It was stated that default human characteristics from USES 2.0 are used. However, in the Human Toxicity Potential calculations these values are replaced by European average human characteristics (p. 14). This error in the text does not change the reported HTP outcomes;
13) It was stated that a K_{ow} of $1 \cdot 10^{10}$ is used in the toxicity potential calculations of metals. This is not correct (p. 15). All QSAR estimates, based on K_{ow}-values, are

replaced by empirical data in the metal calculations. This error in the text does not change the reported outcomes;

14) The oral HLV for 2,3,7,8-TCDD derived by the Health Council of the Netherlands is not 1000 times but 10 times more conservative than the oral HLV derived by the WHO and RIVM (p. 22). This error in the text does not change the reported toxicity potentials of 2,3,7,8-TCDD;
15) The USES 1.0 NEW toxicity potentials should be calculated with USES 1.0, using up-to-date input data and a closed model environment. However, accidently a closed model environment was not implemented for the water compartment (p. 49).

Annex 1 lists the updated results. The updated report, spreadsheet with toxicity potentials and spreadsheet with substance-specific input data can be downloaded from the Internet site of the Centre of Environmental Science (CML): http://www.leidenuniv.nl/interfac/cml/lca2/

Yours sincerely,

Mark Huijbregts

Annex 1

Table 1: Toxicity potentials of 181 substances related to the initial emission compartments and impact categories. $AETP_{fresh}$ = fresh water Aquatic Ecotoxicity Potential; $AETP_{marine}$ = marine Aquatic Ecotoxicity Potential; $SETP_{fresh}$ = fresh water Sediment Ecotoxicity Potential; $SETP_{marine}$ = marine Sediment Ecotoxicity Potential; TETP = Terrestrial Ecotoxicity Potential; HTP = Human Toxicity Potential; x = toxicity potential was not calculated.

Substance No.	Name	CAS No.	Type	Initial emission compartment: air	fresh water	sea water	agricult. soil	industrial soil
Metals								
1.	Antimony	7440-36-0	$AETP_{fresh}$	3.7	$2.0\cdot10^{1}$	$7.6\cdot10^{-21}$	$1.0\cdot10^{1}$	$1.0\cdot10^{1}$
			$AETP_{marine}$	$3.3\cdot10^{4}$	$2.7\cdot10^{4}$	$4.9\cdot10^{4}$	$1.4\cdot10^{4}$	$1.4\cdot10^{4}$
			$SETP_{fresh}$	9.1	$4.8\cdot10^{1}$	$1.8\cdot10^{-20}$	$2.4\cdot10^{1}$	$2.4\cdot10^{1}$
			$SETP_{marine}$	$3.1\cdot10^{4}$	$2.5\cdot10^{4}$	$4.6\cdot10^{4}$	$1.3\cdot10^{4}$	$1.3\cdot10^{4}$
			TETP	$6.1\cdot10^{-1}$	$1.7\cdot10^{-20}$	$3.0\cdot10^{-20}$	1.3	1.3
			HTP	$6.7\cdot10^{3}$	$5.1\cdot10^{3}$	$8.6\cdot10^{3}$	$8.9\cdot10^{3}$	$2.6\cdot10^{3}$
2.	Arsenic	7440-38-2	$AETP_{fresh}$	$5.0\cdot10^{1}$	$2.1\cdot10^{2}$	$3.8\cdot10^{-20}$	$1.3\cdot10^{2}$	$1.3\cdot10^{2}$
			$AETP_{marine}$	$2.3\cdot10^{5}$	$1.2\cdot10^{5}$	$3.4\cdot10^{5}$	$7.7\cdot10^{4}$	$7.7\cdot10^{4}$
			$SETP_{fresh}$	$1.3\cdot10^{2}$	$5.3\cdot10^{2}$	$9.8\cdot10^{-20}$	$3.4\cdot10^{2}$	$3.4\cdot10^{2}$
			$SETP_{marine}$	$2.3\cdot10^{5}$	$1.2\cdot10^{5}$	$3.4\cdot10^{5}$	$7.7\cdot10^{4}$	$7.7\cdot10^{4}$
			TETP	$1.6\cdot10^{3}$	$1.0\cdot10^{-17}$	$3.0\cdot10^{-17}$	$3.3\cdot10^{3}$	$3.3\cdot10^{3}$
			HTP	$3.5\cdot10^{5}$	$9.5\cdot10^{2}$	$2.4\cdot10^{3}$	$3.2\cdot10^{4}$	$1.0\cdot10^{3}$
3.	Barium	7440-39-3	$AETP_{fresh}$	$4.3\cdot10^{1}$	$2.3\cdot10^{2}$	$2.4\cdot10^{-19}$	$1.1\cdot10^{2}$	$1.1\cdot10^{2}$
			$AETP_{marine}$	$7.8\cdot10^{5}$	$8.3\cdot10^{5}$	$1.1\cdot10^{6}$	$4.2\cdot10^{5}$	$4.2\cdot10^{5}$
			$SETP_{fresh}$	$9.7\cdot10^{1}$	$5.1\cdot10^{2}$	$5.4\cdot10^{-19}$	$2.6\cdot10^{2}$	$2.6\cdot10^{2}$
			$SETP_{marine}$	$6.7\cdot10^{5}$	$7.1\cdot10^{5}$	$9.3\cdot10^{5}$	$3.6\cdot10^{5}$	$3.6\cdot10^{5}$
			TETP	4.9	$5.1\cdot10^{-19}$	$6.6\cdot10^{-19}$	$1.0\cdot10^{1}$	$1.0\cdot10^{1}$
			HTP	$7.6\cdot10^{2}$	$6.3\cdot10^{2}$	$8.0\cdot10^{2}$	$3.6\cdot10^{2}$	$3.2\cdot10^{2}$
4.	Beryllium	7440-41-7	$AETP_{fresh}$	$1.7\cdot10^{4}$	$9.1\cdot10^{4}$	$1.6\cdot10^{-16}$	$4.6\cdot10^{4}$	$4.6\cdot10^{4}$
			$AETP_{marine}$	$4.7\cdot10^{8}$	$5.4\cdot10^{8}$	$6.4\cdot10^{8}$	$2.7\cdot10^{8}$	$2.7\cdot10^{8}$
			$SETP_{fresh}$	$2.0\cdot10^{4}$	$1.1\cdot10^{5}$	$1.8\cdot10^{-16}$	$5.4\cdot10^{4}$	$5.4\cdot10^{4}$
			$SETP_{marine}$	$2.0\cdot10^{8}$	$2.3\cdot10^{8}$	$2.8\cdot10^{8}$	$1.2\cdot10^{8}$	$1.2\cdot10^{8}$
			TETP	$1.8\cdot10^{3}$	$3.3\cdot10^{-16}$	$3.9\cdot10^{-16}$	$3.6\cdot10^{3}$	$3.6\cdot10^{3}$
			HTP	$2.3\cdot10^{5}$	$1.4\cdot10^{4}$	$1.6\cdot10^{4}$	$1.3\cdot10^{4}$	$7.0\cdot10^{3}$
5.	Cadmium	7440-43-9	$AETP_{fresh}$	$2.9\cdot10^{2}$	$1.5\cdot10^{3}$	$2.5\cdot10^{-20}$	$7.8\cdot10^{2}$	$7.8\cdot10^{2}$
			$AETP_{marine}$	$1.1\cdot10^{6}$	$2.2\cdot10^{5}$	$1.8\cdot10^{6}$	$1.1\cdot10^{5}$	$1.1\cdot10^{5}$
			$SETP_{fresh}$	$7.4\cdot10^{2}$	$3.9\cdot10^{3}$	$6.5\cdot10^{-20}$	$2.0\cdot10^{3}$	$2.0\cdot10^{3}$
			$SETP_{marine}$	$1.1\cdot10^{6}$	$2.2\cdot10^{5}$	$1.9\cdot10^{6}$	$1.1\cdot10^{5}$	$1.1\cdot10^{5}$
			TETP	$8.1\cdot10^{1}$	$1.4\cdot10^{-20}$	$1.1\cdot10^{-19}$	$1.7\cdot10^{2}$	$1.7\cdot10^{2}$
			HTP	$1.5\cdot10^{5}$	$2.3\cdot10^{1}$	$1.0\cdot10^{2}$	$2.0\cdot10^{4}$	$6.7\cdot10^{1}$
6.	Chromium III	7440-47-3	$AETP_{fresh}$	1.9	6.9	$8.8\cdot10^{-23}$	5.3	5.3
			$AETP_{marine}$	$5.2\cdot10^{3}$	$8.6\cdot10^{2}$	$8.2\cdot10^{3}$	$6.5\cdot10^{2}$	$6.5\cdot10^{2}$
			$SETP_{fresh}$	4.9	$1.8\cdot10^{1}$	$2.3\cdot10^{-22}$	$1.3\cdot10^{1}$	$1.3\cdot10^{1}$
			$SETP_{marine}$	$5.3\cdot10^{3}$	$8.8\cdot10^{2}$	$8.4\cdot10^{3}$	$6.7\cdot10^{2}$	$6.7\cdot10^{2}$
			TETP	$3.0\cdot10^{3}$	$2.3\cdot10^{-19}$	$2.0\cdot10^{-18}$	$6.3\cdot10^{3}$	$6.3\cdot10^{3}$
			HTP	$6.5\cdot10^{2}$	2.1	$1.0\cdot10^{1}$	$5.1\cdot10^{3}$	$3.0\cdot10^{2}$
7.	Chromium VI	7440-47-3	$AETP_{fresh}$	7.7	$2.8\cdot10^{1}$	$3.5\cdot10^{-22}$	$2.1\cdot10^{1}$	$2.1\cdot10^{1}$
			$AETP_{marine}$	$2.1\cdot10^{4}$	$3.4\cdot10^{3}$	$3.3\cdot10^{4}$	$2.6\cdot10^{3}$	$2.6\cdot10^{3}$
			$SETP_{fresh}$	$2.0\cdot10^{1}$	$7.1\cdot10^{1}$	$9.1\cdot10^{-22}$	$5.4\cdot10^{1}$	$5.4\cdot10^{1}$
			$SETP_{marine}$	$2.1\cdot10^{4}$	$3.5\cdot10^{3}$	$3.4\cdot10^{4}$	$2.7\cdot10^{3}$	$2.7\cdot10^{3}$
			TETP	$3.0\cdot10^{3}$	$2.3\cdot10^{-19}$	$2.0\cdot10^{-18}$	$6.3\cdot10^{3}$	$6.3\cdot10^{3}$
			HTP	$3.4\cdot10^{6}$	3.4	$1.7\cdot10^{1}$	$8.5\cdot10^{3}$	$5.0\cdot10^{2}$

Substance No.	Name	CAS No.	Type	Initial emission compartment: air	fresh water	sea water	agricult. soil	industrial soil
Metals								
8.	Cobalt	7440-48-4	$AETP_{fresh}$	$6.4 \cdot 10^{2}$	$3.4 \cdot 10^{3}$	$1.2 \cdot 10^{-18}$	$1.7 \cdot 10^{3}$	$1.7 \cdot 10^{3}$
			$AETP_{marine}$	$5.4 \cdot 10^{6}$	$4.4 \cdot 10^{6}$	$8.0 \cdot 10^{6}$	$2.2 \cdot 10^{6}$	$2.2 \cdot 10^{6}$
			$SETP_{fresh}$	$1.1 \cdot 10^{3}$	$5.6 \cdot 10^{3}$	$2.0 \cdot 10^{-18}$	$2.8 \cdot 10^{3}$	$2.8 \cdot 10^{3}$
			$SETP_{marine}$	$3.5 \cdot 10^{6}$	2.810^{6}	$5.2 \cdot 10^{6}$	$1.4 \cdot 10^{6}$	$1.4 \cdot 10^{6}$
			TETP	$1.1 \cdot 10^{2}$	2.710^{-18}	$4.9 \cdot 10^{-18}$	$2.2 \cdot 10^{2}$	$2.2 \cdot 10^{2}$
			HTP	$1.7 \cdot 10^{4}$	9.710^{1}	$6.0 \cdot 10^{1}$	$2.4 \cdot 10^{3}$	$5.9 \cdot 10^{1}$
9.	Copper	7440-50-8	$AETP_{fresh}$	$2.2 \cdot 10^{2}$	1.210^{3}	$4.1 \cdot 10^{-20}$	$5.9 \cdot 10^{2}$	$5.9 \cdot 10^{2}$
			$AETP_{marine}$	$8.9 \cdot 10^{5}$	2.310^{5}	$1.5 \cdot 10^{6}$	$1.2 \cdot 10^{5}$	$1.2 \cdot 10^{5}$
			$SETP_{fresh}$	$5.6 \cdot 10^{2}$	2.910^{3}	$1.0 \cdot 10^{-19}$	$1.5 \cdot 10^{3}$	$1.5 \cdot 10^{3}$
			$SETP_{marine}$	$8.8 \cdot 10^{5}$	2.310^{5}	$1.5 \cdot 10^{6}$	$1.2 \cdot 10^{5}$	$1.2 \cdot 10^{5}$
			TETP	7.0	4.110^{-21}	$2.5 \cdot 10^{-20}$	$1.4 \cdot 10^{1}$	$1.4 \cdot 10^{1}$
			HTP	$4.3 \cdot 10^{3}$	1.3	5.9	$9.4 \cdot 10^{1}$	1.3
E.	Lead	7439-92-1	$AETP_{fresh}$	2.4	9.6	$5.6 \cdot 10^{-23}$	6.5	6.5
			$AETP_{marine}$	$7.0 \cdot 10^{3}$	$1.1 \cdot 10^{3}$	$1.1 \cdot 10^{4}$	$7.5 \cdot 10^{2}$	$7.5 \cdot 10^{2}$
			$SETP_{fresh}$	6.2	$2.5 \cdot 10^{1}$	$1.4 \cdot 10^{-22}$	$1.7 \cdot 10^{1}$	$1.7 \cdot 10^{1}$
			$SETP_{marine}$	$7.2 \cdot 10^{3}$	$1.1 \cdot 10^{3}$	$1.2 \cdot 10^{4}$	$7.8 \cdot 10^{2}$	$7.8 \cdot 10^{2}$
			TETP	$1.6 \cdot 10^{1}$	$4.8 \cdot 10^{-22}$	$4.6 \cdot 10^{-21}$	$3.3 \cdot 10^{1}$	$3.3 \cdot 10^{1}$
			HTP	$4.7 \cdot 10^{2}$	$1.2 \cdot 10^{1}$	$7.9 \cdot 10^{1}$	$3.3 \cdot 10^{3}$	$2.9 \cdot 10^{2}$
11.	Mercury	7439-97-6	$AETP_{fresh}$	$3.2 \cdot 10^{2}$	$1.7 \cdot 10^{3}$	6.8	$8.5 \cdot 10^{2}$	$8.5 \cdot 10^{2}$
			$AETP_{marine}$	$1.2 \cdot 10^{6}$	$2.1 \cdot 10^{5}$	$1.9 \cdot 10^{6}$	$1.7 \cdot 10^{5}$	$1.7 \cdot 10^{5}$
			$SETP_{fresh}$	$8.1 \cdot 10^{2}$	$4.4 \cdot 10^{3}$	$1.7 \cdot 10^{1}$	$2.2 \cdot 10^{3}$	$2.2 \cdot 10^{3}$
			$SETP_{marine}$	$1.2 \cdot 10^{6}$	$2.2 \cdot 10^{5}$	$1.9 \cdot 10^{6}$	$1.7 \cdot 10^{5}$	$1.7 \cdot 10^{5}$
			TETP	$2.8 \cdot 10^{4}$	$9.3 \cdot 10^{2}$	$7.6 \cdot 10^{3}$	$5.6 \cdot 10^{4}$	$5.6 \cdot 10^{4}$
			HTP	$6.0 \cdot 10^{3}$	$1.4 \cdot 10^{3}$	$8.2 \cdot 10^{3}$	$5.9 \cdot 10^{3}$	$1.1 \cdot 10^{3}$
12.	Methyl-mercury	22967-92-6	$AETP_{fresh}$	$7.3 \cdot 10^{3}$	$3.9 \cdot 10^{4}$	$1.6 \cdot 10^{2}$	$1.9 \cdot 10^{4}$	$1.9 \cdot 10^{4}$
			$AETP_{marine}$	$2.8 \cdot 10^{7}$	$4.9 \cdot 10^{6}$	$4.3 \cdot 10^{7}$	$3.8 \cdot 10^{6}$	$3.8 \cdot 10^{6}$
			$SETP_{fresh}$	$1.9 \cdot 10^{4}$	$1.0 \cdot 10^{5}$	$4.0 \cdot 10^{2}$	$5.0 \cdot 10^{4}$	$5.0 \cdot 10^{4}$
			$SETP_{marine}$	$2.8 \cdot 10^{7}$	$5.1 \cdot 10^{6}$	$4.4 \cdot 10^{7}$	$3.9 \cdot 10^{6}$	$3.9 \cdot 10^{6}$
			TETP	$2.8 \cdot 10^{4}$	$9.3 \cdot 10^{2}$	$7.6 \cdot 10^{3}$	$5.6 \cdot 10^{4}$	$5.6 \cdot 10^{4}$
			HTP	$5.8 \cdot 10^{4}$	$1.5 \cdot 10^{4}$	$8.8 \cdot 10^{4}$	$2.0 \cdot 10^{4}$	$1.1 \cdot 10^{4}$
13.	Molybdenum	7439-98-7	$AETP_{fresh}$	$9.7 \cdot 10^{1}$	$4.8 \cdot 10^{2}$	$6.6 \cdot 10^{-19}$	$2.6 \cdot 10^{2}$	$2.6 \cdot 10^{2}$
			$AETP_{marine}$	$1.9 \cdot 10^{6}$	$2.1 \cdot 10^{6}$	$2.6 \cdot 10^{6}$	$1.2 \cdot 10^{6}$	$1.2 \cdot 10^{6}$
			$SETP_{fresh}$	$2.1 \cdot 10^{2}$	$1.1 \cdot 10^{3}$	$1.5 \cdot 10^{-18}$	$5.8 \cdot 10^{2}$	$5.8 \cdot 10^{2}$
			$SETP_{marine}$	$1.6 \cdot 10^{6}$	$1.7 \cdot 10^{6}$	$2.2 \cdot 10^{6}$	$9.6 \cdot 10^{5}$	$9.6 \cdot 10^{5}$
			TETP	$1.8 \cdot 10^{1}$	$2.3 \cdot 10^{-18}$	$2.9 \cdot 10^{-18}$	$3.6 \cdot 10^{1}$	$3.6 \cdot 10^{1}$
			HTP	$5.4 \cdot 10^{3}$	$5.5 \cdot 10^{3}$	$6.8 \cdot 10^{3}$	$6.2 \cdot 10^{3}$	$3.1 \cdot 10^{3}$
14.	Nickel	7440-2-0	$AETP_{fresh}$	$6.3 \cdot 10^{2}$	$3.2 \cdot 10^{3}$	$6.1 \cdot 10^{-19}$	$1.7 \cdot 10^{3}$	$1.7 \cdot 10^{3}$
			$AETP_{marine}$	$3.8 \cdot 10^{6}$	$2.2 \cdot 10^{6}$	$5.8 \cdot 10^{6}$	$1.2 \cdot 10^{6}$	$1.2 \cdot 10^{6}$
			$SETP_{fresh}$	$1.6 \cdot 10^{3}$	$8.3 \cdot 10^{3}$	$1.6 \cdot 10^{-18}$	$4.3 \cdot \cdot 10^{3}$	$4.3 \cdot 10^{3}$
			$SETP_{marine}$	$3.7 \cdot 10^{6}$	$2.2 \cdot 10^{6}$	$5.7 \cdot 10^{6}$	$1.2 \cdot 10^{6}$	$1.2 \cdot 10^{6}$
			TETP	$1.2 \cdot 10^{2}$	$1.0 \cdot 10^{-18}$	$2.6 \cdot 10^{-18}$	$2.4 \cdot 10^{2}$	$2.4 \cdot 10^{2}$
			HTP	$3.5 \cdot 10^{4}$	$3.3 \cdot 10^{2}$	$7.5 \cdot 10^{2}$	$2.7 \cdot 10^{3}$	$2.0 \cdot 10^{2}$
15.	Selenium	7782-49-2	$AETP_{fresh}$	$5.5 \cdot 10^{2}$	$2.9 \cdot 10^{3}$	$7.4 \cdot 10^{-18}$	$1.5 \cdot 10^{3}$	$1.5 \cdot 10^{3}$
			$AETP_{marine}$	$2.1 \cdot 10^{7}$	$2.5 \cdot 10^{7}$	$2.9 \cdot 10^{7}$	$1.3 \cdot 10^{7}$	$1.3 \cdot 10^{7}$
			$SETP_{fresh}$	$6.4 \cdot 10^{2}$	$3.4 \cdot 10^{3}$	$8.6 \cdot 10^{-18}$	$1.7 \cdot 10^{3}$	$1.7 \cdot 10^{3}$
			$SETP_{marine}$	$9.0 \cdot 10^{6}$	$1.1 \cdot 10^{7}$	$1.2 \cdot 10^{7}$	$5.4 \cdot 10^{6}$	$5.4 \cdot 10^{6}$
			TETP	$5.3 \cdot 10^{1}$	$1.6 \cdot 10^{-17}$	$1.8 \cdot 10^{-17}$	$1.1 \cdot 10^{2}$	$1.1 \cdot 10^{2}$
			HTP	$4.8 \cdot 10^{4}$	$5.6 \cdot 10^{4}$	$6.3 \cdot 10^{4}$	$2.9 \cdot 10^{4}$	$2.8 \cdot 10^{4}$

Substance No.	Name	CAS No.	Type	Initial emission compartment air	fresh water	sea water	agricult. soil	industrial soil
Metals								
16.	Thallium	7440-28-0	$AETP_{fresh}$	$1.6 \cdot 10^{3}$	$8.0 \cdot 10^{3}$	$7.9 \cdot 10^{-18}$	$4.2 \cdot 10^{3}$	$4.2 \cdot 10^{3}$
			$AETP_{marine}$	$2.6 \cdot 10^{7}$	$2.7 \cdot 10^{7}$	$3.6 \cdot 10^{7}$	$1.4 \cdot 10^{7}$	$1.4 \cdot 10^{7}$
			$SETP_{fresh}$	$3.9 \cdot 10^{3}$	$2.0 \cdot 10^{4}$	$2.0 \cdot 10^{-17}$	$1.1 \cdot 10^{4}$	$1.1 \cdot 10^{4}$
			$SETP_{marine}$	$2.4 \cdot 10^{7}$	$2.5 \cdot 10^{7}$	$3.4 \cdot 10^{7}$	$1.3 \cdot 10^{7}$	$1.3 \cdot 10^{7}$
			TETP	$3.4 \cdot 10^{2}$	$3.1 \cdot 10^{-17}$	$4.2 \cdot 10^{-17}$	$7.0 \cdot 10^{2}$	$7.0 \cdot 10^{2}$
			HTP	$4.3 \cdot 10^{5}$	$2.3 \cdot 10^{5}$	$2.9 \cdot 10^{5}$	$2.0 \cdot 10^{6}$	$1.2 \cdot 10^{5}$
17.	Tin	7440-31-5	$AETP_{fresh}$	2.5	$1.0 \cdot 10^{1}$	$9.5 \cdot 10^{-23}$	6.9	6.9
			$AETP_{marine}$	$7.5 \cdot 10^{3}$	$1.2 \cdot 10^{3}$	$1.2 \cdot 10^{4}$	$8.3 \cdot 10^{2}$	$8.3 \cdot 10^{2}$
			$SETP_{fresh}$	1.3	5.2	$4.8 \cdot 10^{-23}$	3.5	3.5
			$SETP_{marine}$	$1.5 \cdot 10^{3}$	$2.5 \cdot 10^{2}$	$2.5 \cdot 10^{3}$	$1.7 \cdot 10^{2}$	$1.7 \cdot 10^{2}$
			TETP	$1.4 \cdot 10^{1}$	$7.9 \cdot 10^{-22}$	$7.2 \cdot 10^{-21}$	$3.0 \cdot 10^{1}$	$3.0 \cdot 10^{1}$
			HTP	1.7	$1.7 \cdot 10^{-2}$	$1.1 \cdot 10^{-1}$	$1.3 \cdot 10^{1}$	$5.2 \cdot 10^{-1}$
18.	Vanadium	7440-62-2	$AETP_{fresh}$	$1.7 \cdot 10^{3}$	$9.0 \cdot 10^{3}$	$2.4 \cdot 10^{-18}$	$4.7 \cdot 10^{3}$	$4.7 \cdot 10^{3}$
			$AETP_{marine}$	$1.2 \cdot 10^{7}$	$8.6 \cdot 10^{6}$	$1.8 \cdot 10^{7}$	$4.5 \cdot 10^{6}$	$4.5 \cdot 10^{6}$
			$SETP_{fresh}$	$4.1 \cdot 10^{3}$	$2.1 \cdot 10^{4}$	$5.7 \cdot 10^{-18}$	$1.1 \cdot 10^{4}$	$1.1 \cdot 10^{4}$
			$SETP_{marine}$	$1.1 \cdot 10^{7}$	$7.9 \cdot 10^{6}$	$1.7 \cdot 10^{7}$	$4.1 \cdot 10^{6}$	$4.1 \cdot 10^{6}$
			TETP	$6.7 \cdot 10^{2}$	$1.0 \cdot 10^{-17}$	$2.2 \cdot 10^{-17}$	$1.4 \cdot 10^{3}$	$1.4 \cdot 10^{3}$
			HTP	$6.2 \cdot 10^{3}$	$3.2 \cdot 10^{3}$	$6.2 \cdot 10^{3}$	$1.9 \cdot 10^{4}$	$1.7 \cdot 10^{3}$
19.	Zinc	7440-66-6	$AETP_{fresh}$	$1.8 \cdot 10^{1}$	$9.2 \cdot 10^{1}$	$1.8 \cdot 10^{-21}$	$4.8 \cdot 10^{1}$	$4.8 \cdot 10^{1}$
			$AETP_{marine}$	$6.7 \cdot 10^{4}$	$1.4 \cdot 10^{4}$	$1.1 \cdot 10^{5}$	$7.2 \cdot 10^{3}$	$7.2 \cdot 10^{3}$
			$SETP_{fresh}$	$4.6 \cdot 10^{1}$	$2.4 \cdot 10^{2}$	$4.5 \cdot 10^{-21}$	$1.2 \cdot 10^{2}$	$1.2 \cdot 10^{2}$
			$SETP_{marine}$	$6.8 \cdot 10^{4}$	$1.4 \cdot 10^{4}$	$1.1 \cdot 10^{5}$	$7.3 \cdot 10^{3}$	$7.3 \cdot 10^{3}$
			TETP	$1.2 \cdot 10^{1}$	$2.5 \cdot 10^{-21}$	$1.9 \cdot 10^{-20}$	$2.5 \cdot 10^{1}$	$2.5 \cdot 10^{1}$
			HTP	$1.0 \cdot 10^{2}$	$5.8 \cdot 10^{-1}$	3.2	$6.4 \cdot 10^{1}$	$4.2 \cdot 10^{-1}$
Inorganics								
20.	Ammonia	7664-41-7	$AETP_{fresh}$	x	x	x	x	x
			$AETP_{marine}$	x	x	x	x	x
			$SETP_{fresh}$	x	x	x	x	x
			$SETP_{marine}$	x	x	x	x	x
			TETP	x	x	x	x	x
			HTP	$1.0 \cdot 10^{-1}$	x	x	x	x
21.	Hydrogen sulphide	10102-44-0	$AETP_{fresh}$	x	x	x	x	x
			$AETP_{marine}$	x	x	x	x	x
			$SETP_{fresh}$	x	x	x	x	x
			$SETP_{marine}$	x	x	x	x	x
			TETP	x	x	x	x	x
			HTP	$2.2 \cdot 10^{-1}$	x	x	x	x
22.	Hydrogen chloride	7446-9-5	$AETP_{fresh}$	x	x	x	x	x
			$AETP_{marine}$	x	x	x	x	x
			$SETP_{fresh}$	x	x	x	x	x
			$SETP_{marine}$	x	x	x	x	x
			TETP	x	x	x	x	x
			HTP	$5.0 \cdot 10^{-1}$	x	x	x	x
23.	Nitrogen dioxide	7783-6-4	$AETP_{fresh}$	x	x	x	x	x
			$AETP_{marine}$	x	x	x	x	x
			$SETP_{fresh}$	x	x	x	x	x
			$SETP_{marine}$	x	x	x	x	x
			TETP	x	x	x	x	x
			HTP	1.2	x	x	x	x

Substance No.	Name	CAS No.	Type	Initial emission compartment: air	fresh water	sea water	agricult. soil	industrial soil
Inorganics								
24.	Sulphur dioxide	7647-1-0	$AETP_{fresh}$	x	x	x	x	x
			$AETP_{marine}$	x	x	x	x	x
			$SETP_{fresh}$	x	x	x	x	x
			$SETP_{marine}$	x	x	x	x	x
			TETP	x	x	x	x	x
			HTP	$3.1 \cdot 10^{-1}$	x	x	x	x
25.	PM10		$AETP_{fresh}$	x	x	x	x	x
			$AETP_{marine}$	x	x	x	x	x
			$SETP_{fresh}$	x	x	x	x	x
			$SETP_{marine}$	x	x	x	x	x
			TETP	x	x	x	x	x
			HTP	$9.6 \cdot 10^{-2}$	x	x	x	x
Non-aromatics								
26.	Acrylonitrile	107-13-1	$AETP_{fresh}$	$4.1 \cdot 10^{-1}$	$7.9 \cdot 10^{1}$	$6.0 \cdot 10^{-3}$	6.5	8.1
			$AETP_{marine}$	$9.1 \cdot 10^{-1}$	$5.4 \cdot 10^{-1}$	3.1	$2.1 \cdot 10^{-1}$	$2.7 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.7 \cdot 10^{-1}$	$5.2 \cdot 10^{1}$	$3.9 \cdot 10^{-3}$	4.2	5.3
			$SETP_{marine}$	$7.7 \cdot 10^{-1}$	$5.1 \cdot 10^{-1}$	4.0	$1.9 \cdot 10^{-1}$	$2.3 \cdot 10^{-1}$
			TETP	$8.0 \cdot 10^{-3}$	$3.9 \cdot 10^{-3}$	$1.2 \cdot 10^{-4}$	2.5	2.1
			HTP	$3.4 \cdot 10^{3}$	$7.1 \cdot 10^{3}$	$5.1 \cdot 10^{1}$	$4.9 \cdot 10^{5}$	$1.5 \cdot 10^{3}$
27.	Acrolein	107-2-8	$AETP_{fresh}$	$5.2 \cdot 10^{2}$	$2.5 \cdot 10^{5}$	5.0	$4.5 \cdot 10^{4}$	$4.5 \cdot 10^{4}$
			$AETP_{marine}$	$5.7 \cdot 10^{2}$	$1.1 \cdot 10^{3}$	$8.9 \cdot 10^{3}$	$2.5 \cdot 10^{2}$	$2.5 \cdot 10^{2}$
			$SETP_{fresh}$	$3.9 \cdot 10^{2}$	$1.9 \cdot 10^{5}$	3.7	$3.4 \cdot 10^{4}$	$3.4 \cdot 10^{4}$
			$SETP_{marine}$	$7.5 \cdot 10^{2}$	$1.6 \cdot 10^{3}$	$1.3 \cdot 10^{4}$	$3.6 \cdot 10^{2}$	$3.6 \cdot 10^{2}$
			TETP	$1.6 \cdot 10^{1}$	5.8	$1.6 \cdot 10^{-1}$	$7.0 \cdot 10^{3}$	$7.0 \cdot 10^{3}$
			HTP	$5.7 \cdot 10^{1}$	$5.9 \cdot 10^{1}$	$8.0 \cdot 10^{-1}$	$2.3 \cdot 10^{2}$	$1.7 \cdot 10^{1}$
28.	1,3-Butadiene	75-15-0	$AETP_{fresh}$	$3.3 \cdot 10^{-7}$	3.0	$5.6 \cdot 10^{-8}$	$5.7 \cdot 10^{-5}$	$5.7 \cdot 10^{-5}$
			$AETP_{marine}$	$2.7 \cdot 10^{-6}$	$8.7 \cdot 10^{-3}$	$7.3 \cdot 10^{-1}$	$2.9 \cdot 10^{-6}$	$2.9 \cdot 10^{-6}$
			$SETP_{fresh}$	$2.2 \cdot 10^{-7}$	2.0	$3.8 \cdot 10^{-8}$	$3.8 \cdot 10^{-5}$	$3.8 \cdot 10^{-5}$
			$SETP_{marine}$	$3.0 \cdot 10^{-6}$	$9.9 \cdot 10^{-3}$	$8.3 \cdot 10^{-1}$	$3.2 \cdot 10^{-6}$	$3.2 \cdot 10^{-6}$
			TETP	$2.3 \cdot 10^{-8}$	$2.1 \cdot 10^{-8}$	$4.0 \cdot 10^{-9}$	$3.1 \cdot 10^{-4}$	$3.1 \cdot 10^{-4}$
			HTP	$2.2 \cdot 10^{3}$	$7.0 \cdot 10^{3}$	$4.5 \cdot 10^{2}$	$3.1 \cdot 10^{3}$	$2.2 \cdot 10^{3}$
29.	Carbon disulfide	106-99-0	$AETP_{fresh}$	$3.3 \cdot 10^{-2}$	$1.1 \cdot 10^{2}$	$6.5 \cdot 10^{-3}$	$3.4 \cdot 10^{-1}$	$3.4 \cdot 10^{-1}$
			$AETP_{marine}$	1.5	1.8	$3.0 \cdot 10^{1}$	1.4	1.4
			$SETP_{fresh}$	$2.7 \cdot 10^{-2}$	$8.6 \cdot 10^{1}$	$5.4 \cdot 10^{-3}$	$2.8 \cdot 10^{-1}$	$2.8 \cdot 10^{-1}$
			$SETP_{marine}$	$8.6 \cdot 10^{-1}$	1.4	$4.5 \cdot 10^{1}$	$7.9 \cdot 10^{-1}$	$7.9 \cdot 10^{-1}$
			TETP	$5.1 \cdot 10^{-3}$	$4.8 \cdot 10^{-3}$	$1.0 \cdot 10^{-3}$	1.6	1.6
			HTP	2.4	2.4	$4.8 \cdot 10^{-1}$	3.6	2.2
30.	Ethylene	74-85-1	$AETP_{fresh}$	$1.4 \cdot 10^{-11}$	$2.2 \cdot 10^{-2}$	$1.0 \cdot 10^{-12}$	$1.1 \cdot 10^{-9}$	$1.1 \cdot 10^{-9}$
			$AETP_{marine}$	$7.9 \cdot 10^{-11}$	$2.8 \cdot 10^{-5}$	$2.6 \cdot 10^{-3}$	$7.8 \cdot 10^{-11}$	$7.8 \cdot 10^{-11}$
			$SETP_{fresh}$	$9.0 \cdot 10^{-12}$	$1.4 \cdot 10^{-2}$	$6.6 \cdot 10^{-13}$	$7.1 \cdot 10^{-10}$	$7.1 \cdot 10^{-10}$
			$SETP_{marine}$	$7.1 \cdot 10^{-11}$	$3.4 \cdot 10^{-5}$	$3.2 \cdot 10^{-3}$	$7.1 \cdot 10^{-11}$	$7.1 \cdot 10^{-11}$
			TETP	$1.3 \cdot 10^{-12}$	$1.1 \cdot 10^{-12}$	$9.9 \cdot 10^{-14}$	$2.3 \cdot 10^{-9}$	$2.3 \cdot 10^{-9}$
			HTP	$6.4 \cdot 10^{-1}$	$6.5 \cdot 10^{-1}$	$4.7 \cdot 10^{-2}$	$7.8 \cdot 10^{-1}$	$6.2 \cdot 10^{-1}$
31.	Formaldehyde	50-00-0	$AETP_{fresh}$	8.3	$2.8 \cdot 10^{2}$	$2.1 \cdot 10^{-4}$	$1.5 \cdot 10^{1}$	$4.4 \cdot 10^{1}$
			$AETP_{marine}$	1.6	$1.9 \cdot 10^{-1}$	5.6	$1.8 \cdot 10^{-2}$	$5.5 \cdot 10^{-2}$
			$SETP_{fresh}$	4.5	$1.5 \cdot 10^{2}$	$1.2 \cdot 10^{-4}$	7.9	$2.4 \cdot 10^{1}$
			$SETP_{marine}$	1.5	$2.0 \cdot 10^{-1}$	6.0	$1.8 \cdot 10^{-2}$	$5.5 \cdot 10^{-2}$
			TETP	$9.4 \cdot 10^{-1}$	$1.6 \cdot 10^{-3}$	$2.4 \cdot 10^{-5}$	5.8	4.4
			HTP	$8.3 \cdot 10^{-1}$	$3.7 \cdot 10^{-2}$	$2.8 \cdot 10^{-5}$	2.3	$1.9 \cdot 10^{-2}$

Substance No.	Name	CAS No.	Type	Initial emission compartment: air	fresh water	sea water	agricult. soil	industrial soil
Non-aromatics								
32.	Propylene oxide	75-56-9	$AETP_{fresh}$	$3.7 \cdot 10^{-2}$	4.0	$4.4 \cdot 10^{-4}$	$4.2 \cdot 10^{-1}$	$4.8 \cdot 10^{-1}$
			$AETP_{marine}$	$1.4 \cdot 10^{-1}$	$6.4 \cdot 10^{-2}$	$1.5 \cdot 10^{-1}$	$3.3 \cdot 10^{-2}$	$3.7 \cdot 10^{-2}$
			$SETP_{fresh}$	$2.0 \cdot 10^{-2}$	2.1	$2.4 \cdot 10^{-4}$	$2.3 \cdot 10^{-1}$	$2.5 \cdot 10^{-1}$
			$SETP_{marine}$	$6.6 \cdot 10^{-2}$	$3.4 \cdot 10^{-2}$	$1.5 \cdot 10^{-1}$	$1.6 \cdot 10^{-2}$	$1.8 \cdot 10^{-2}$
			TETP	$1.5 \cdot 10^{-3}$	$6.5 \cdot 10^{-4}$	$1.8 \cdot 10^{-5}$	$1.4 \cdot 10^{-1}$	$1.2 \cdot 10^{-1}$
			HTP	$1.3 \cdot 10^{3}$	$2.6 \cdot 10^{3}$	$1.6 \cdot 10^{1}$	$2.2 \cdot 10^{5}$	$5.9 \cdot 10^{2}$
Aromatics								
33.	Benzene	71-43-2	$AETP_{fresh}$	$8.4 \cdot 10^{-5}$	$9.1 \cdot 10^{-2}$	$9.2 \cdot 10^{-6}$	$7.2 \cdot 10^{-4}$	$7.2 \cdot 10^{-4}$
			$AETP_{marine}$	$2.8 \cdot 10^{-3}$	$2.7 \cdot 10^{-3}$	$1.5 \cdot 10^{-2}$	$2.4 \cdot 10^{-3}$	$2.4 \cdot 10^{-3}$
			$SETP_{fresh}$	$6.4 \cdot 10^{-5}$	$7.0 \cdot 10^{-2}$	$7.0 \cdot 10^{-6}$	$5.4 \cdot 10^{-4}$	$5.4 \cdot 10^{-4}$
			$SETP_{marine}$	$1.3 \cdot 10^{-3}$	$1.4 \cdot 10^{-3}$	$2.1 \cdot 10^{-2}$	$1.1 \cdot 10^{-3}$	$1.1 \cdot 10^{-3}$
			TETP	$1.6 \cdot 10^{-5}$	$1.4 \cdot 10^{-5}$	$1.7 \cdot 10^{-6}$	3.410^{-3}	$3.4 \cdot 10^{-3}$
			HTP	$1.9 \cdot 10^{3}$	$1.8 \cdot 10^{3}$	$2.1 \cdot 10^{2}$	1.510^{4}	$1.6 \cdot 10^{3}$
34.	Toluene	108-88-3	$AETP_{fresh}$	$7.0 \cdot 10^{-5}$	$2.9 \cdot 10^{-1}$	$8.3 \cdot 10^{-6}$	$1.1 \cdot 10^{-3}$	$1.1 \cdot 0^{-3}$
			$AETP_{marine}$	$7.0 \cdot 10^{-4}$	$1.2 \cdot 10^{-3}$	$5.1 \cdot 10^{-2}$	$4.5 \cdot 10^{-4}$	$4.5 \cdot 10^{-4}$
			$SETP_{fresh}$	$5.0 \cdot 10^{-5}$	$2.1 \cdot 10^{-1}$	$5.9 \cdot 10^{-6}$	$7.5 \cdot 10^{-4}$	$7.5 \cdot 10^{-4}$
			$SETP_{marine}$	$5.8 \cdot 10^{-4}$	$1.3 \cdot 10^{-3}$	$6.3 \cdot 10^{-2}$	$3.7 \cdot 10^{-4}$	$3.7 \cdot 10^{-4}$
			TETP	$1.6 \cdot 10^{-5}$	$1.4 \cdot 10^{-5}$	$1.9 \cdot 10^{-6}$	$1.9 \cdot 10^{-2}$	$1.9 \cdot 10^{-2}$
			HTP	$3.3 \cdot 10^{-1}$	$3.0 \cdot 10^{-1}$	$3.9 \cdot 10^{-2}$	$3.5 \cdot 10^{-1}$	$2.1 \cdot 10^{-1}$
35.	Styrene	100-42-5	$AETP_{fresh}$	$5.1 \cdot 10^{-5}$	$4.4 \cdot 10^{-1}$	$1.0 \cdot 10^{-5}$	$1.5 \cdot 10^{-3}$	$2.6 \cdot 10^{-3}$
			$AETP_{marine}$	$5.1 \cdot 10^{-4}$	$2.2 \cdot 10^{-3}$	$1.2 \cdot 10^{-1}$	$1.1 \cdot 10^{-4}$	$1.8 \cdot 10^{-4}$
			$SETP_{fresh}$	$3.5 \cdot 10^{-5}$	$3.0 \cdot 10^{-1}$	$7.0 \cdot 10^{-6}$	$1.1 \cdot 10^{-3}$	$1.8 \cdot 10^{-3}$
			$SETP_{marine}$	$3.6 \cdot 10^{-4}$	$1.6 \cdot 10^{-3}$	$9.3 \cdot 10^{-2}$	$7.6 \cdot 10^{-5}$	$1.3 \cdot 10^{-4}$
			TETP	$1.4 \cdot 10^{-7}$	$1.3 \cdot 10^{-7}$	$2.7 \cdot 10^{-8}$	$1.4 \cdot 10^{-3}$	$1.2 \cdot 10^{-3}$
			HTP	$4.7 \cdot 10^{-2}$	$8.5 \cdot 10^{-2}$	$1.0 \cdot 10^{-2}$	$4.8 \cdot 10^{-1}$	$1.8 \cdot 10^{-2}$
36.	Phenol	108-95-2	$AETP_{fresh}$	1.5	$2.4 \cdot 10^{2}$	$1.7 \cdot 10^{-5}$	3.5	$1.3 \cdot 10^{1}$
			$AETP_{marine}$	$5.5 \cdot 10^{-1}$	$5.6 \cdot 10^{-2}$	4.7	$1.7 \cdot 10^{-3}$	$6.1 \cdot 10^{-3}$
			$SETP_{fresh}$	$5.6 \cdot 10^{-1}$	$8.8 \cdot 10^{1}$	$6.4 \cdot 10^{-6}$	1.3	4.7
			$SETP_{marine}$	$3.6 \cdot 10^{-1}$	$3.8 \cdot 10^{-2}$	3.2	$1.1 \cdot 10^{-3}$	$4.0 \cdot 10^{-3}$
			TETP	$3.3 \cdot 10^{-3}$	$2.5 \cdot 10^{-6}$	$3.8 \cdot 10^{-8}$	$4.5 \cdot 10^{-2}$	$4.1 \cdot 10^{-2}$
			HTP	$5.2 \cdot 10^{-1}$	$4.9 \cdot 10^{-2}$	$8.0 \cdot 10^{-5}$	1.9	$6.0 \cdot 10^{-3}$
37.	Ethylbenzene	100-41-4	$AETP_{fresh}$	$1.3 \cdot 10^{-4}$	$5.5 \cdot 10^{-1}$	$9.4 \cdot 10^{-6}$	$1.8 \cdot 10^{-3}$	$1.8 \cdot 10^{-3}$
			$AETP_{marine}$	$8.0 \cdot 10^{-4}$	$1.4 \cdot 10^{-3}$	$6.2 \cdot 10^{-2}$	$4.1 \cdot 10^{-4}$	$4.1 \cdot 10^{-4}$
			$SETP_{fresh}$	$8.7 \cdot 10^{-5}$	$3.6 \cdot 10^{-1}$	$6.3 \cdot 10^{-6}$	$1.2 \cdot 10^{-3}$	$1.2 \cdot 10^{-3}$
			$SETP_{marine}$	$6.1 \cdot 10^{-4}$	$1.3 \cdot 10^{-3}$	$6.7 \cdot 10^{-2}$	$3.2 \cdot 10^{-4}$	$3.2 \cdot 10^{-4}$
			TETP	$1.4 \cdot 10^{-6}$	$1.2 \cdot 10^{-6}$	$1.0 \cdot 10^{-7}$	$1.9 \cdot 10^{-3}$	$1.9 \cdot 10^{-3}$
			HTP	$9.7 \cdot 10^{-1}$	$8.3 \cdot 10^{-1}$	$7.0 \cdot 10^{-2}$	$7.5 \cdot 10^{-1}$	$5.0 \cdot 10^{-1}$
38.	m-Xylene	108-38-3	$AETP_{fresh}$	$4.4 \cdot 10^{-5}$	$6.0 \cdot 10^{-1}$	$7.2 \cdot 10^{-6}$	$1.9 \cdot 10^{-3}$	$1.9 \cdot 10^{-3}$
			$AETP_{marine}$	$3.9 \cdot 10^{-4}$	$2.1 \cdot 10^{-3}$	$1.4 \cdot 10^{-1}$	$2.5 \cdot 10^{-4}$	$2.5 \cdot 10^{-4}$
			$SETP_{fresh}$	$2.8 \cdot 10^{-5}$	$3.9 \cdot 10^{-1}$	$4.7 \cdot 10^{-6}$	$1.2 \cdot 10^{-3}$	$1.2 \cdot 10^{-3}$
			$SETP_{marine}$	$3.5 \cdot 10^{-4}$	$2.1 \cdot 10^{-3}$	$1.4 \cdot 10^{-1}$	$2.3 \cdot 10^{-4}$	$2.3 \cdot 10^{-4}$
			TETP	$6.5 \cdot 10^{-7}$	$6.0 \cdot 10^{-7}$	$1.1 \cdot 10^{-7}$	$3.0 \cdot 10^{-3}$	$3.0 \cdot 10^{-3}$
			HTP	$2.7 \cdot 10^{-2}$	$3.4 \cdot 10^{-1}$	$1.0 \cdot 10^{-2}$	3.8	$1.9 \cdot 10^{-2}$
39.	o-Xylene	95-47-6	$AETP_{fresh}$	$9.3 \cdot 10^{-5}$	$5.6 \cdot 10^{-1}$	$1.5 \cdot 10^{-5}$	$2.5 \cdot 10^{-3}$	$2.5 \cdot 10^{-3}$
			$AETP_{marine}$	$9.1 \cdot 10^{-4}$	$2.5 \cdot 10^{-3}$	$1.3 \cdot 10^{-1}$	$5.5 \cdot 10^{-4}$	$5.5 \cdot 10^{-4}$
			$SETP_{fresh}$	$7.4 \cdot 10^{-5}$	$4.5 \cdot 10^{-1}$	$1.2 \cdot 10^{-5}$	$2.0 \cdot 10^{-3}$	$2.0 \cdot 10^{-3}$
			$SETP_{marine}$	$9.9 \cdot 10^{-4}$	$3.1 \cdot 10^{-3}$	$1.7 \cdot 10^{-1}$	$6.0 \cdot 10^{-4}$	$6.0 \cdot 10^{-4}$
			TETP	$1.3 \cdot 10^{-6}$	$1.2 \cdot 10^{-6}$	$2.1 \cdot 10^{-7}$	$3.4 \cdot 10^{-3}$	$3.4 \cdot 10^{-3}$
			HTP	$1.2 \cdot 10^{-1}$	$4.2 \cdot 10^{-1}$	$2.6 \cdot 10^{-2}$	5.0	$7.6 \cdot 10^{-2}$

Substance No.	Name	CAS No.	Type	Initial emission compartment air	fresh water	sea water	agricult. soil	industrial soil
Aromatics								
40.	p-Xylene	106-42-3	$AETP_{fresh}$	$6.1 \cdot 10^{-5}$	$5.5 \cdot 10^{-1}$	$1.0 \cdot 10^{-5}$	$1.4 \cdot 10^{-3}$	$1.4 \cdot 10^{-3}$
			$AETP_{marine}$	$6.1 \cdot 10^{-4}$	$2.2 \cdot 10^{-3}$	$1.3 \cdot 10^{-1}$	$3.2 \cdot 10^{-4}$	$3.2 \cdot 10^{-4}$
			$SETP_{fresh}$	$3.7 \cdot 10^{-5}$	$3.3 \cdot 10^{-1}$	$6.1 \cdot 10^{-6}$	$8.6 \cdot 10^{-4}$	$8.7 \cdot 10^{-4}$
			$SETP_{marine}$	$3.8 \cdot 10^{-4}$	$1.6 \cdot 10^{-3}$	$9.7 \cdot 10^{-2}$	$2.0 \cdot 10^{-4}$	$2.0 \cdot 10^{-4}$
			TETP	$5.3 \cdot 10^{-7}$	$4.9 \cdot 10^{-7}$	$8.9 \cdot 10^{-8}$	$1.5 \cdot 10^{-3}$	$1.5 \cdot 10^{-3}$
			HTP	$4.3 \cdot 10^{-2}$	$3.5 \cdot 10^{-1}$	$1.3 \cdot 10^{-2}$	3.0	$2.5 \cdot 10^{-2}$
41.	Butylbenzylphtalate	85-68-7	$AETP_{fresh}$	$4.0 \cdot 10^{-1}$	$7.6 \cdot 10^{1}$	$3.2 \cdot 10^{-5}$	$2.5 \cdot 10^{-2}$	$1.0 \cdot 10^{-1}$
			$AETP_{marine}$	$3.2 \cdot 10^{-1}$	$5.3 \cdot 10^{-2}$	1.6	$2.9 \cdot 10^{-5}$	$1.2 \cdot 10^{-4}$
			$SETP_{fresh}$	$1.3 \cdot 10^{-1}$	$2.5 \cdot 10^{1}$	$1.0 \cdot 10^{-5}$	$8.2 \cdot 10^{-3}$	$3.3 \cdot 10^{-2}$
			$SETP_{marine}$	$7.1 \cdot 10^{-2}$	$1.3 \cdot 10^{-2}$	$4.0 \cdot 10^{-1}$	$7.1 \cdot 10^{-6}$	$2.8 \cdot 10^{-5}$
			TETP	$1.3 \cdot 10^{-3}$	$6.6 \cdot 10^{-6}$	$1.0 \cdot 10^{-7}$	$1.0 \cdot 10^{-2}$	$1.0 \cdot 10^{-2}$
			HTP	$1.0 \cdot 10^{1}$	$8.6 \cdot 10^{-2}$	$8.5 \cdot 10^{-4}$	$3.1 \cdot 10^{-1}$	$1.8 \cdot 10^{-3}$
42	Di(2ethylhexyl)phtalate	117-81-7	$AETP_{fresh}$	$3.5 \cdot 10^{-1}$	$7.9 \cdot 10^{1}$	$1.6 \cdot 10^{-3}$	$1.5 \cdot 10^{-3}$	$6.0 \cdot 10^{-3}$
			$AETP_{marine}$	2.4	$3.7 \cdot 10^{-1}$	$1.5 \cdot 10^{1}$	$1.6 \cdot 10^{-5}$	$6.2 \cdot 10^{-5}$
			$SETP_{fresh}$	$4.7 \cdot 10^{-1}$	$1.0 \cdot 10^{2}$	$2.1 \cdot 10^{-3}$	$2.0 \cdot 10^{-3}$	$7.9 \cdot 10^{-3}$
			$SETP_{marine}$	1.7	$2.7 \cdot 10^{-1}$	$1.1 \cdot 10^{1}$	$1.1 \cdot 10^{-5}$	$4.4 \cdot 10^{-5}$
			TETP	$2.2 \cdot 10^{-4}$	$6.6 \cdot 10^{-6}$	$9.6 \cdot 10^{-7}$	$1.4 \cdot 10^{-3}$	$1.4 \cdot 10^{-3}$
			HTP	2.6	$9.1 \cdot 10^{-1}$	$4.0 \cdot 10^{-2}$	1.8	$5.2 \cdot 10^{-3}$
43.	Dibutylphtalate	84-74-2	$AETP_{fresh}$	$5.6 \cdot 10^{-1}$	$7.9 \cdot 10^{1}$	$2.9 \cdot 10^{-5}$	$7.9 \cdot 10^{-2}$	$3.1 \cdot 10^{-1}$
			$AETP_{marine}$	$4.4 \cdot 10^{-1}$	$7.7 \cdot 10^{-2}$	1.7	$1.2 \cdot 10^{-4}$	$4.8 \cdot 10^{-4}$
			$SETP_{fresh}$	$7.3 \cdot 10^{-2}$	$1.0 \cdot 10^{1}$	$3.8 \cdot 10^{-6}$	$1.0 \cdot 10^{-2}$	$4.1 \cdot 10^{-2}$
			$SETP_{marine}$	$3.8 \cdot 10^{-2}$	$7.5 \cdot 10^{-3}$	$1.6 \cdot 10^{-1}$	$1.1 \cdot 10^{-5}$	$4.5 \cdot 10^{-5}$
			TETP	$3.9 \cdot 10^{-3}$	$1.3 \cdot 10^{-5}$	$2.1 \cdot 10^{-7}$	$2.3 \cdot 10^{-2}$	$2.3 \cdot 10^{-2}$
			HTP	$2.5 \cdot 10^{1}$	$5.4 \cdot 10^{-1}$	$3.0 \cdot 10^{-3}$	1.3	$1.3 \cdot 10^{-2}$
44.	Diethylphtalate	84-66-2	$AETP_{fresh}$	$4.2 \cdot 10^{-1}$	$3.4 \cdot 10^{1}$	$7.9 \cdot 10^{-5}$	$1.6 \cdot 10^{-1}$	$6.3 \cdot 10^{-1}$
			$AETP_{marine}$	$3.4 \cdot 10^{-1}$	$1.1 \cdot 10^{-1}$	$8.0 \cdot 10^{-1}$	$7.1 \cdot 10^{-4}$	$2.8 \cdot 10^{-3}$
			$SETP_{fresh}$	$2.8 \cdot 10^{-1}$	$2.2 \cdot 10^{1}$	$5.2 \cdot 10^{-5}$	$1.1 \cdot 10^{-1}$	$4.1 \cdot 10^{-1}$
			$SETP_{marine}$	$2.3 \cdot 10^{-1}$	$9.4 \cdot 10^{-2}$	$6.5 \cdot 10^{-1}$	$5.6 \cdot 10^{-4}$	$2.2 \cdot 10^{-3}$
			TETP	$5.3 \cdot 10^{-1}$	$5.6 \cdot 10^{-3}$	$1.0 \cdot 10^{-4}$	2.1	2.1
			HTP	$3.2 \cdot 10^{-1}$	$1.4 \cdot 10^{-1}$	$5.7 \cdot 10^{-4}$	$5.7 \cdot 10^{-2}$	$3.3 \cdot 10^{-3}$
45.	Dihexylphtalate	84-75-3	$AETP_{fresh}$	$5.0 \cdot 10^{-1}$	$1.1 \cdot 10^{2}$	$1.1 \cdot 10^{-2}$	$1.8 \cdot 10^{-2}$	$7.4 \cdot 10^{-2}$
			$AETP_{marine}$	1.7	1.2	9.7	$4.3 \cdot 10^{-4}$	$1.7 \cdot 10^{-3}$
			$SETP_{fresh}$	1.2	$2.6 \cdot 10^{2}$	$2.6 \cdot 10^{-2}$	$4.4 \cdot 10^{-2}$	$1.8 \cdot 10^{-1}$
			$SETP_{marine}$	3.2	2.3	$2.0 \cdot 10^{1}$	$8.0 \cdot 10^{-4}$	$3.2 \cdot 10^{-3}$
			TETP	$7.8 \cdot 10^{-4}$	$2.6 \cdot 10^{-4}$	$1.7 \cdot 10^{-5}$	$7.3 \cdot 10^{-3}$	$7.3 \cdot 10^{-3}$
			HTP	$7.0 \cdot 10^{3}$	$1.4 \cdot 10^{4}$	$3.7 \cdot 10^{2}$	$1.2 \cdot 10^{3}$	$1.4 \cdot 10^{1}$
46.	Diisooctylphtalate	27554-26-3	$AETP_{fresh}$	$1.2 \cdot 10^{-1}$	$2.1 \cdot 10^{1}$	$3.9 \cdot 10^{-3}$	$6.2 \cdot 10^{-4}$	$2.5 \cdot 10^{-3}$
			$AETP_{marine}$	3.6	$4.3 \cdot 10^{-1}$	$1.6 \cdot 10^{1}$	$6.5 \cdot 10^{-5}$	$2.6 \cdot 10^{-4}$
			$SETP_{fresh}$	$2.8 \cdot 10^{-1}$	$4.7 \cdot 10^{1}$	$8.7 \cdot 10^{-3}$	$1.4 \cdot 10^{-3}$	$5.5 \cdot 10^{-3}$
			$SETP_{marine}$	5.6	$7.2 \cdot 10^{-1}$	$2.8 \cdot 10^{1}$	$1.0 \cdot 10^{-4}$	$4.1 \cdot 10^{-4}$
			TETP	$1.1 \cdot 10^{-4}$	$6.4 \cdot 10^{-6}$	$3.5 \cdot 10^{-6}$	$5.5 \cdot 10^{-4}$	$5.5 \cdot 10^{-4}$
			HTP	$3.1 \cdot 10^{2}$	$1.8 \cdot 10^{1}$	9.7	$3.2 \cdot 10^{1}$	$5.2 \cdot 10^{-2}$
47.	Diisodecylphtalate	26761-40-0	$AETP_{fresh}$	$5.6 \cdot 10^{-1}$	$8.6 \cdot 10^{1}$	$3.8 \cdot 10^{-2}$	$4.6 \cdot 10^{-3}$	$1.8 \cdot 10^{-2}$
			$AETP_{marine}$	4.7	2.3	$1.9 \cdot 10^{1}$	$8.6 \cdot 10^{-4}$	$3.4 \cdot 10^{-3}$
			$SETP_{fresh}$	1.2	$1.9 \cdot 10^{2}$	$8.5 \cdot 10^{-2}$	$1.0 \cdot 10^{-2}$	$4.1 \cdot 10^{-2}$
			$SETP_{marine}$	7.5	3.8	$3.4 \cdot 10^{1}$	$1.4 \cdot 10^{-3}$	$5.4 \cdot 10^{-3}$
			TETP	$9.2 \cdot 10^{-4}$	$3.8 \cdot 10^{-4}$	$6.4 \cdot 10^{-5}$	$4.0 \cdot 10^{-3}$	$4.0 \cdot 10^{-3}$
			HTP	$4.6 \cdot 10^{1}$	$1.9 \cdot 10^{1}$	3.2	$1.1 \cdot 10^{2}$	$3.8 \cdot 10^{-2}$

Substance No.	Name	CAS No.	Type	Initial emission compartment: air	fresh water	sea water	agricult. soil	industrial soil
Aromatics								
48.	Dimethylphtalate	133-11-3	$AETP_{fresh}$	$5.2 \cdot 10^{-2}$	3.1	$3.8 \cdot 10^{-7}$	$7.4 \cdot 10^{-3}$	$2.9 \cdot 10^{-2}$
			$AETP_{marine}$	$2.7 \cdot 10^{-2}$	$1.7 \cdot 10^{-3}$	$5.2 \cdot 10^{-2}$	$9.7 \cdot 10^{-6}$	$3.8 \cdot 10^{-5}$
			$SETP_{fresh}$	$1.3 \cdot 10^{-2}$	$7.9 \cdot 10^{-1}$	$9.8 \cdot 10^{-8}$	$1.9 \cdot 10^{-3}$	$7.5 \cdot 10^{-3}$
			$SETP_{marine}$	$6.2 \cdot 10^{-3}$	$4.3 \cdot 10^{-4}$	$1.3 \cdot 10^{-2}$	$2.3 \cdot 10^{-6}$	$9.1 \cdot 10^{-6}$
			TETP	$6.4 \cdot 10^{-1}$	$3.7 \cdot 10^{-4}$	$4.7 \cdot 10^{-6}$	1.4	1.4
			HTP	$2.1 \cdot 10^{2}$	7.2	$8.4 \cdot 10^{-3}$	$2.8 \cdot 10^{1}$	$2.7 \cdot 10^{-1}$
49.	Dioctylphtalate	117-84-0	$AETP_{fresh}$	$1.6 \cdot 10^{-2}$	2.8	$1.4 \cdot 10^{-4}$	$4.2 \cdot 10^{-5}$	$1.7 \cdot 10^{-4}$
			$AETP_{marine}$	$5.4 \cdot 10^{-1}$	$3.5 \cdot 10^{-2}$	2.5	$1.3 \cdot 10^{-6}$	$5.2 \cdot 10^{-6}$
			$SETP_{fresh}$	$2.7 \cdot 10^{-2}$	4.7	$2.4 \cdot 10^{-4}$	$7.1 \cdot 10^{-5}$	$2.8 \cdot 10^{-4}$
			$SETP_{marine}$	$5.2 \cdot 10^{-1}$	$3.6 \cdot 10^{-2}$	2.6	$1.3 \cdot 10^{-6}$	$5.1 \cdot 10^{-6}$
			TETP	$9.8 \cdot 10^{-6}$	$1.3 \cdot 10^{-7}$	$8.8 \cdot 10^{-8}$	$4.8 \cdot 10^{-5}$	$4.8 \cdot 10^{-5}$
			HTP	$1.9 \cdot 10^{1}$	6.3	1.3	8.6	$8.8 \cdot 10^{-3}$
50.	Phtalic anhydride	85-44-9	$AETP_{fresh}$	$8.2 \cdot 10^{-3}$	$5.5 \cdot 10^{-1}$	$4.6 \cdot 10^{-11}$	$4.8 \cdot 10^{-5}$	$3.1 \cdot 10^{-5}$
			$AETP_{marine}$	$8.5 \cdot 10^{-3}$	$4.1 \cdot 10^{-6}$	$1.7 \cdot 10^{-2}$	$1.8 \cdot 10^{-8}$	$1.2 \cdot 10^{-8}$
			$SETP_{fresh}$	$1.7 \cdot 10^{-5}$	$1.1 \cdot 10^{-3}$	$9.4 \cdot 10^{-14}$	$9.8 \cdot 10^{-8}$	$6.3 \cdot 10^{-8}$
			$SETP_{marine}$	$4.9 \cdot 10^{-5}$	$2.4 \cdot 10^{-8}$	$9.9 \cdot 10^{-5}$	$1.1 \cdot 10^{-10}$	$6.8 \cdot 10^{-11}$
			TETP	$5.1 \cdot 10^{-4}$	$1.2 \cdot 10^{-10}$	$2.8 \cdot 10^{-12}$	$2.6 \cdot 10^{-3}$	$4.2 \cdot 10^{-4}$
			HTP	$4.1 \cdot 10^{-1}$	$1.1 \cdot 10^{-4}$	$1.0 \cdot 10^{-7}$	$1.0 \cdot 10^{-2}$	$6.6 \cdot 10^{-7}$
Polycyclic aromatics								
51.	Naphtalene	91-20-3	$AETP_{fresh}$	$5.0 \cdot 10^{-1}$	$6.6 \cdot 10^{2}$	$1.1 \cdot 10^{-2}$	3.8	$1.2 \cdot 10^{1}$
			$AETP_{marine}$	$9.1 \cdot 10^{-1}$	1.1	$3.3 \cdot 10^{1}$	$5.7 \cdot 10^{-2}$	$1.9 \cdot 10^{-1}$
			$SETP_{fresh}$	$1.9 \cdot 10^{-1}$	$2.6 \cdot 10^{2}$	$4.5 \cdot 10^{-3}$	1.5	4.9
			$SETP_{marine}$	$3.2 \cdot 10^{-1}$	$3.8 \cdot 10^{-1}$	$1.2 \cdot 10^{1}$	$2.0 \cdot 10^{-2}$	$6.7 \cdot 10^{-2}$
			TETP	$8.2 \cdot 10^{-4}$	$4.9 \cdot 10^{-4}$	$1.9 \cdot 10^{-5}$	3.1	2.6
			HTP	8.1	5.6	$1.9 \cdot 10^{-1}$	4.8	1.6
52.	Anthracene	120-12-7	$AETP_{fresh}$	$1.4 \cdot 10^{2}$	$5.7 \cdot 10^{4}$	$1.7 \cdot 10^{1}$	$8.2 \cdot 10^{1}$	$3.2 \cdot 10^{2}$
			$AETP_{marine}$	$1.7 \cdot 10^{3}$	$3.0 \cdot 10^{3}$	$1.8 \cdot 10^{4}$	6.2	$2.5 \cdot 10^{1}$
			$SETP_{fresh}$	$1.9 \cdot 10^{2}$	$8.0 \cdot 10^{4}$	$2.3 \cdot 10^{1}$	$1.1 \cdot 10^{2}$	$4.5 \cdot 10^{2}$
			$SETP_{marine}$	$2.1 \cdot 10^{3}$	$4.1 \cdot 10^{3}$	$2.5 \cdot 10^{4}$	8.2	$3.2 \cdot 10^{1}$
			TETP	$3.2 \cdot 10^{-2}$	$2.0 \cdot 10^{-2}$	$4.0 \cdot 10^{-3}$	8.9	8.8
			HTP	$5.2 \cdot 10^{-1}$	2.1	$1.6 \cdot 10^{-1}$	$5.1 \cdot 10^{-1}$	$2.0 \cdot 10^{-2}$
53.	Phenanthrene	85-1-8	$AETP_{fresh}$	1.3	$5.2 \cdot 10^{2}$	$5.8 \cdot 10^{-2}$	$2.9 \cdot 10^{-1}$	1.2
			$AETP_{marine}$	7.3	$1.0 \cdot 10^{1}$	$7.4 \cdot 10^{1}$	$8.7 \cdot 10^{-3}$	$3.5 \cdot 10^{-2}$
			$SETP_{fresh}$	1.4	$5.6 \cdot 10^{2}$	$6.3 \cdot 10^{-2}$	$3.2 \cdot 10^{-1}$	1.3
			$SETP_{marine}$	5.4	8.6	$6.4 \cdot 10^{1}$	$7.0 \cdot 10^{-3}$	$2.8 \cdot 10^{-2}$
			TETP	$1.4 \cdot 10^{-4}$	$6.0 \cdot 10^{-5}$	$6.3 \cdot 10^{-6}$	$3.7 \cdot 10^{-2}$	$3.7 \cdot 10^{-2}$
			HTP	x	x	x	x	x
54.	Fluoranthrene	206-44-0	$AETP_{fresh}$	$1.8 \cdot 10^{1}$	$1.3 \cdot 10^{4}$	$8.7 \cdot 10^{-1}$	$1.9 \cdot 10^{1}$	$7.6 \cdot 10^{1}$
			$AETP_{marine}$	$2.0 \cdot 10^{2}$	$8.7 \cdot 10^{2}$	$4.2 \cdot 10^{3}$	1.3	5.3
			$SETP_{fresh}$	$5.3 \cdot 10^{1}$	$3.9 \cdot 10^{4}$	2.6	$5.7 \cdot 10^{1}$	$2.3 \cdot 10^{2}$
			$SETP_{marine}$	$6.1 \cdot 10^{2}$	$2.8 \cdot 10^{3}$	$1.4 \cdot 10^{4}$	4.3	$1.7 \cdot 10^{1}$
			TETP	$1.8 \cdot 10^{-2}$	$4.9 \cdot 10^{-3}$	$9.6 \cdot 10^{-4}$	2.3	2.3
			HTP	x	x	x	x	x
55.	Benzo[a]anthracene	56-55-3	$AETP_{fresh}$	$4.2 \cdot 10^{1}$	$1.1 \cdot 10^{5}$	1.1	$6.2 \cdot 10^{1}$	$2.5 \cdot 10^{2}$
			$AETP_{marine}$	$1.0 \cdot 10^{3}$	$8.3 \cdot 10^{3}$	$8.5 \cdot 10^{4}$	4.5	$1.8 \cdot 10^{1}$
			$SETP_{fresh}$	$1.3 \cdot 10^{2}$	$3.5 \cdot 10^{5}$	3.2	$1.9 \cdot 10^{2}$	$7.4 \cdot 10^{2}$
			$SETP_{marine}$	$3.4 \cdot 10^{3}$	$2.8 \cdot 10^{4}$	$2.8 \cdot 10^{5}$	$1.5 \cdot 10^{1}$	$6.0 \cdot 10^{1}$
			TETP	$2.3 \cdot 10^{-1}$	$1.4 \cdot 10^{-2}$	$6.2 \cdot 10^{-3}$	$3.1 \cdot 10^{1}$	$3.1 \cdot 10^{1}$
			HTP	x	x	x	x	x

No.	Substance Name	CAS No.	Type	Initial emission compartment air	fresh water	sea water	agricult. soil	industrial soil
Polycyclic aromatics								
56.	Chrysene	218-1-9	$AETP_{fresh}$	$3.9 \cdot 10^{1}$	$1.9 \cdot 10^{4}$	$2.6 \cdot 10^{-1}$	$7.4 \cdot 10^{1}$	$2.9 \cdot 10^{2}$
			$AETP_{marine}$	$4.1 \cdot 10^{2}$	$3.0 \cdot 10^{3}$	$7.6 \cdot 10^{3}$	$1.2 \cdot 10^{1}$	$4.7 \cdot 10^{1}$
			$SETP_{fresh}$	$1.3 \cdot 10^{2}$	$5.9 \cdot 10^{4}$	$8.3 \cdot 10^{-1}$	$2.4 \cdot 10^{2}$	$9.3 \cdot 10^{2}$
			$SETP_{marine}$	$1.4 \cdot 10^{3}$	$1.0 \cdot 10^{4}$	$2.6 \cdot 10^{4}$	$4.0 \cdot 10^{1}$	$1.6 \cdot 10^{2}$
			TETP	$2.2 \cdot 10^{-1}$	$8.4 \cdot 10^{-3}$	$1.6 \cdot 10^{-3}$	4.6	4.5
			HTP	x	x	x	x	x
57.	Benzo[k]fluoranthrene	207-8-9	$AETP_{fresh}$	$3.9 \cdot 10^{3}$	$1.2 \cdot 10^{6}$	9.1	$5.2 \cdot 10^{3}$	$2.0 \cdot 10^{4}$
			$AETP_{marine}$	$1.2 \cdot 10^{5}$	$4.4 \cdot 10^{5}$	$1.5 \cdot 10^{6}$	$2.0 \cdot 10^{3}$	$7.8 \cdot 10^{3}$
			$SETP_{fresh}$	$1.3 \cdot 10^{4}$	$3.9 \cdot 10^{6}$	$3.0 \cdot 10^{1}$	$1.7 \cdot 10^{4}$	$6.8 \cdot 10^{4}$
			$SETP_{marine}$	$3.5 \cdot 10^{5}$	$1.3 \cdot 10^{6}$	$4.4 \cdot 10^{6}$	$5.9 \cdot 10^{3}$	$2.3 \cdot 10^{4}$
			TETP	$3.0 \cdot 10^{1}$	$2.1 \cdot 10^{-1}$	$8.8 \cdot 10^{-2}$	$3.9 \cdot 10^{2}$	$3.9 \cdot 10^{2}$
			HTP	x	x	x	x	x
58.	Benzo[a]pyrene	50-32-8	$AETP_{fresh}$	$8.8 \cdot 10^{1}$	$2.5 \cdot 10^{5}$	$2.8 \cdot 10^{-1}$	$1.3 \cdot 10^{2}$	$5.3 \cdot 10^{2}$
			$AETP_{marine}$	$1.4 \cdot 10^{3}$	$1.2 \cdot 10^{4}$	$1.2 \cdot 10^{5}$	6.5	$2.6 \cdot 10^{1}$
			$SETP_{fresh}$	$2.5 \cdot 10^{2}$	$7.2 \cdot 10^{5}$	$8.0 \cdot 10^{-1}$	$3.8 \cdot 10^{2}$	$1.5 \cdot \cdot 10^{3}$
			$SETP_{marine}$	$4.1 \cdot 10^{3}$	$3.6 \cdot 10^{4}$	$3.7 \cdot 10^{5}$	$1.9 \cdot 10^{1}$	$7.7 \cdot 10^{1}$
			TETP	$2.4 \cdot 10^{-1}$	$2.5 \cdot 10^{-3}$	$8.0 \cdot 10^{-4}$	$2.3 \cdot 10^{1}$	$2.3 \cdot 10^{1}$
			HTP	x	x	x	x	x
59.	Benzo[ghi]perylene	191-24-2	$AETP_{fresh}$	$4.4 \cdot 10^{1}$	$5.2 \cdot 10^{4}$	$4.9 \cdot 10^{-2}$	$6.1 \cdot 10^{1}$	$2.4 \cdot 10^{2}$
			$AETP_{marine}$	$1.7 \cdot 10^{3}$	$9.1 \cdot 10^{3}$	$6.5 \cdot 10^{4}$	$1.1 \cdot 10^{1}$	$4.3 \cdot 10^{1}$
			$SETP_{fresh}$	$1.4 \cdot 10^{2}$	$1.7 \cdot 10^{5}$	$1.6 \cdot 10^{-1}$	$2.0 \cdot 10^{2}$	$7.8 \cdot 10^{2}$
			$SETP_{marine}$	$5.7 \cdot 10^{3}$	$3.2 \cdot 10^{4}$	$2.3 \cdot 10^{5}$	$3.7 \cdot 10^{1}$	$1.5 \cdot 10^{2}$
			TETP	$2.0 \cdot 10^{-1}$	$4.3 \cdot 10^{-4}$	$2.5 \cdot 10^{-4}$	8.3	8.3
			HTP	x	x	x	x	x
60.	Indeno[1,2,3-cd]pyrene	193-39-5	$AETP_{fresh}$	$1.7 \cdot 10^{2}$	$7.7 \cdot 10^{4}$	$7.4 \cdot 10^{-4}$	$9.0 \cdot 10^{1}$	$3.6 \cdot 10^{2}$
			$AETP_{marine}$	$7.3 \cdot 10^{3}$	$1.5 \cdot 10^{4}$	$1.1 \cdot 10^{5}$	$1.7 \cdot 10^{1}$	$6.8 \cdot 10^{1}$
			$SETP_{fresh}$	$5.3 \cdot 10^{2}$	$2.5 \cdot 10^{5}$	$2.4 \cdot 10^{-3}$	$2.9 \cdot 10^{2}$	$1.2 \cdot 10^{3}$
			$SETP_{marine}$	$2.5 \cdot 10^{4}$	$5.0 \cdot 10^{4}$	$3.8 \cdot 10^{5}$	$5.9 \cdot 10^{1}$	$2.4 \cdot 10^{2}$
			TETP	$8.0 \cdot 10^{-1}$	$6.2 \cdot 10^{-6}$	$4.1 \cdot 10^{-6}$	$1.3 \cdot 10^{1}$	$1.3 \cdot 10^{1}$
			HTP	x	x	x	x	x
61.	Carcinogenic PAHs		$AETP_{fresh}$	$1.7 \cdot 10^{2}$	$2.8 \cdot 10^{4}$	$1.2 \cdot 10^{-1}$	$5.8 \cdot 10^{1}$	$2.3 \cdot 10^{2}$
			$AETP_{marine}$	$4.3 \cdot 10^{3}$	$5.5 \cdot 10^{3}$	$2.4 \cdot 10^{4}$	$1.2 \cdot 10^{1}$	$4.8 \cdot 10^{1}$
			$SETP_{fresh}$	$5.6 \cdot 10^{2}$	$8.9 \cdot 10^{4}$	$3.8 \cdot 10^{-1}$	$1.9 \cdot 10^{2}$	$7.5 \cdot 10^{2}$
			$SETP_{marine}$	$1.4 \cdot 10^{4}$	$1.8 \cdot 10^{4}$	$8.0 \cdot 10^{4}$	$4.1 \cdot 10^{1}$	$1.6 \cdot 10^{2}$
			TETP	1.0	$2.1 \cdot 10^{-3}$	$8.1 \cdot 10^{-4}$	6.3	6.3
			HTP	$5.7 \cdot 10^{5}$	$2.8 \cdot 10^{5}$	$2.9 \cdot 10^{4}$	$7.1 \cdot 10^{4}$	$2.7 \cdot 10^{3}$
Halogenated non-aromatics								
62.	Dichloromethane	75-9-2	$AETP_{fresh}$	$3.3 \cdot 10^{-5}$	$1.2 \cdot 10^{-2}$	$5.0 \cdot 10^{-6}$	$1.6 \cdot 10^{-4}$	$1.6 \cdot 10^{-4}$
			$AETP_{marine}$	$3.8 \cdot 10^{-3}$	$3.5 \cdot 10^{-3}$	$3.2 \cdot 10^{-3}$	$2.5 \cdot 10^{-3}$	$2.5 \cdot 10^{-3}$
			$SETP_{fresh}$	$2.4 \cdot 10^{-5}$	$8.8 \cdot 10^{-3}$	$3.6 \cdot 10^{-6}$	$1.1 \cdot 10^{-4}$	$1.1 \cdot 10^{-4}$
			$SETP_{marine}$	$1.4 \cdot 10^{-3}$	$1.3 \cdot 10^{-3}$	$3.8 \cdot 10^{-3}$	$9.2 \cdot 10^{-4}$	$9.2 \cdot 10^{-4}$
			TETP	$4.3 \cdot 10^{-6}$	$3.9 \cdot 10^{-6}$	$6.5 \cdot 10^{-7}$	$2.5 \cdot 10^{-4}$	$2.5 \cdot 10^{-4}$
			HTP	2.0	1.8	$3.0 \cdot 10^{-1}$	2.4	1.3
63.	Trichloromethane	67-66-3	$AETP_{fresh}$	$9.5 \cdot 10^{-5}$	$4.2 \cdot 10^{-2}$	$4.5 \cdot 10^{-5}$	$4.7 \cdot 10^{-4}$	$4.7 \cdot 10^{-4}$
			$AETP_{marine}$	$5.9 \cdot 10^{-2}$	$5.8 \cdot 10^{-2}$	$5.6 \cdot 10^{-2}$	$4.7 \cdot 10^{-2}$	$4.7 \cdot 10^{-2}$
			$SETP_{fresh}$	$4.9 \cdot 10^{-5}$	$2.2 \cdot 10^{-2}$	$2.3 \cdot 10^{-5}$	$2.4 \cdot 10^{-4}$	$2.4 \cdot 10^{-4}$
			$SETP_{marine}$	$1.6 \cdot 10^{-2}$	$1.6 \cdot 10^{-2}$	$3.3 \cdot 10^{-2}$	$1.3 \cdot 10^{-2}$	$1.3 \cdot 10^{-2}$
			TETP	$4.0 \cdot 10^{-5}$	$3.9 \cdot 10^{-5}$	$1.9 \cdot 10^{-5}$	$1.6 \cdot 10^{-3}$	$1.6 \cdot 10^{-3}$
			HTP	$1.3 \cdot 10^{1}$	$1.3 \cdot 10^{1}$	6.0	$1.4 \cdot 10^{1}$	$1.0 \cdot 10^{1}$

Substance No.	Name	CAS No.	Type	Initial emission compartment air	fresh water	sea water	agricult. soil	industrial soil
Halogenated non-aromatics								
64.	Tetrachloromethane	56-23-5	$AETP_{fresh}$	$2.5 \cdot 10^{-4}$	$2.1 \cdot 10^{-1}$	$1.9 \cdot 10^{-4}$	$5.6 \cdot 10^{-4}$	$5.6 \cdot 10^{-4}$
			$AETP_{marine}$	1.2	1.1	1.1	1.1	1.1
			$SETP_{fresh}$	$1.4 \cdot 10^{-4}$	$1.2 \cdot 10^{-1}$	$1.1 \cdot 10^{-4}$	$3.2 \cdot 10^{-4}$	$3.2 \cdot 10^{-4}$
			$SETP_{marine}$	$3.1 \cdot 10^{-1}$	$3.1 \cdot 10^{-1}$	$4.6 \cdot 10^{-1}$	$3.0 \cdot 10^{-1}$	$3.0 \cdot 10^{-1}$
			TETP	$4.7 \cdot 10^{-4}$	$4.7 \cdot 10^{-4}$	$3.6 \cdot 10^{-4}$	$2.1 \cdot 10^{-3}$	$2.1 \cdot 10^{-3}$
			HTP	$2.2 \cdot 10^{2}$	$2.2 \cdot 10^{2}$	$1.7 \cdot 10^{2}$	$2.2 \cdot 10^{2}$	$2.2 \cdot 10^{2}$
65.	1,2-Dichloroethane	107-6-2	$AETP_{fresh}$	$1.2 \cdot 10^{-4}$	$2.3 \cdot 10^{-2}$	$8.8 \cdot 10^{-5}$	$7.5 \cdot 10^{-4}$	$7.5 \cdot 10^{-4}$
			$AETP_{marine}$	$8.2 \cdot 10^{-2}$	$8.1 \cdot 10^{-2}$	$9.1 \cdot 10^{-2}$	$5.9 \cdot 10^{-2}$	$5.9 \cdot 10^{-2}$
			$SETP_{fresh}$	$1.0 \cdot 10^{-4}$	$1.9 \cdot 10^{-2}$	$7.4 \cdot 10^{-5}$	$6.3 \cdot 10^{-4}$	$6.3 \cdot 10^{-4}$
			$SETP_{marine}$	$3.1 \cdot 10^{-2}$	$3.1 \cdot 10^{-2}$	$6.1 \cdot 10^{-2}$	$2.2 \cdot 10^{-2}$	$2.2 \cdot 10^{-2}$
			TETP	$2.6 \cdot 10^{-5}$	$2.6 \cdot 10^{-5}$	$2.0 \cdot 10^{-5}$	$1.7 \cdot 10^{-3}$	$1.7 \cdot 10^{-3}$
			HTP	6.8	$2.8 \cdot 10^{1}$	5.5	$1.3 \cdot 10^{3}$	5.7
66.	1,1,1-Trichloroethane	71-55-6	$AETP_{fresh}$	$1.2 \cdot 10^{-4}$	$1.1 \cdot 10^{-1}$	$7.2 \cdot 10^{-5}$	$3.7 \cdot 10^{-4}$	$3.7 \cdot 10^{-4}$
			$AETP_{marine}$	$3.3 \cdot 10^{-1}$	$3.2 \cdot 10^{-1}$	$2.8 \cdot 10^{-1}$	$3.1 \cdot 10^{-1}$	$3.1 \cdot 10^{-1}$
			$SETP_{fresh}$	$1.0 \cdot 10^{-4}$	$9.0 \cdot 10^{-2}$	$5.9 \cdot 10^{-5}$	$3.1 \cdot 10^{-4}$	$3.1 \cdot 10^{-4}$
			$SETP_{marine}$	$1.1 \cdot 10^{-1}$	$1.1 \cdot 10^{-1}$	$1.9 \cdot 10^{-1}$	$1.0 \cdot 10^{-1}$	$1.0 \cdot 10^{-1}$
			TETP	$1.8 \cdot 10^{-4}$	$1.8 \cdot 10^{-4}$	$1.1 \cdot 10^{-4}$	$1.5 \cdot 10^{-3}$	$1.5 \cdot 10^{-3}$
			HTP	$1.7 \cdot 10^{1}$	$1.7 \cdot 10^{1}$	9.9	$1.6 \cdot 10^{1}$	$1.6 \cdot 10^{1}$
67.	Trichloroethylene	79-1-6	$AETP_{fresh}$	$3.8 \cdot 10^{-5}$	$9.7 \cdot 10^{-2}$	$1.6 \cdot 10^{-5}$	$4.6 \cdot 10^{-4}$	$4.6 \cdot 10^{-4}$
			$AETP_{marine}$	$2.7 \cdot 10^{-3}$	$3.3 \cdot 10^{-3}$	$5.7 \cdot 10^{-2}$	$2.5 \cdot 10^{-3}$	$2.5 \cdot 10^{-3}$
			$SETP_{fresh}$	$3.2 \cdot 10^{-5}$	$8.2 \cdot 10^{-2}$	$1.3 \cdot 10^{-5}$	$3.9 \cdot 10^{-4}$	$3.9 \cdot 10^{-4}$
			$SETP_{marine}$	$1.7 \cdot 10^{-3}$	$2.7 \cdot 10^{-3}$	$8.1 \cdot 10^{-2}$	$1.5 \cdot 10^{-3}$	$1.5 \cdot 10^{-3}$
			TETP	$4.7 \cdot 10^{-6}$	$4.6 \cdot 10^{-6}$	$1.9 \cdot 10^{-6}$	$2.1 \cdot 10^{-3}$	$2.1 \cdot 10^{-3}$
			HTP	$3.4 \cdot 10^{1}$	$3.3 \cdot 10^{1}$	$1.4 \cdot 10^{1}$	$3.2 \cdot 10^{1}$	$3.2 \cdot 10^{1}$
68.	Tetrachloroethylene	127-18-4	$AETP_{fresh}$	$4.1 \cdot 10^{-4}$	$7.0 \cdot 10^{-1}$	$2.0 \cdot 10^{-4}$	$2.2 \cdot 10^{-3}$	$2.2 \cdot 10^{-3}$
			$AETP_{marine}$	$3.4 \cdot 10^{-1}$	$3.4 \cdot 10^{-1}$	$6.5 \cdot 10^{-1}$	$3.1 \cdot 10^{-1}$	$3.1 \cdot 10^{-1}$
			$SETP_{fresh}$	$3.9 \cdot 10^{-4}$	$6.7 \cdot 10^{-1}$	$1.9 \cdot 10^{-4}$	$2.1 \cdot 10^{-3}$	$2.1 \cdot 10^{-3}$
			$SETP_{marine}$	$1.2 \cdot 10^{-1}$	$1.3 \cdot 10^{-1}$	$7.8 \cdot 10^{-1}$	$1.1 \cdot 10^{-1}$	$1.1 \cdot 10^{-1}$
			TETP	$8.1 \cdot 10^{-3}$	$7.9 \cdot 10^{-3}$	$4.0 \cdot 10^{-3}$	$3.0 \cdot 10^{-1}$	$3.0 \cdot 10^{-1}$
			HTP	5.5	5.7	2.8	6.4	5.2
69.	Vinylchloride	75-1-4	$AETP_{fresh}$	$2.9 \cdot 10^{-6}$	$2.8 \cdot 10^{-2}$	$1.4 \cdot 10^{-6}$	$6.4 \cdot 10^{-5}$	$6.4 \cdot 10^{-5}$
			$AETP_{marine}$	$1.3 \cdot 10^{-4}$	$3.8 \cdot 10^{-4}$	$2.0 \cdot 10^{-2}$	$1.3 \cdot 10^{-4}$	$1.3 \cdot 10^{-4}$
			$SETP_{fresh}$	$2.3 \cdot 10^{-6}$	$2.3 \cdot 10^{-2}$	$1.1 \cdot 10^{-6}$	$5.2 \cdot 10^{-5}$	$5.2 \cdot 10^{-5}$
			$SETP_{marine}$	$1.2 \cdot 10^{-4}$	$4.9 \cdot 10^{-4}$	$2.9 \cdot 10^{-2}$	$1.2 \cdot 10^{-4}$	$1.2 \cdot 10^{-4}$
			TETP	$2.6 \cdot 10^{-7}$	$2.6 \cdot 10^{-7}$	$1.3 \cdot 10^{-7}$	$3.1 \cdot 10^{-4}$	$3.1 \cdot 10^{-4}$
			HTP	$8.4 \cdot 10^{1}$	$1.4 \cdot 10^{2}$	$4.3 \cdot 10^{1}$	$5.2 \cdot 10^{2}$	$8.3 \cdot 10^{1}$
70.	Hexachloro-1,3-butadiene	87-68-3	$AETP_{fresh}$	$4.6 \cdot 10^{1}$	$4.5 \cdot 10^{4}$	$2.3 \cdot 10^{1}$	$7.0 \cdot 10^{1}$	$8.4 \cdot 10^{1}$
			$AETP_{marine}$	$7.7 \cdot 10^{4}$	$7.5 \cdot 10^{4}$	$7.0 \cdot 10^{4}$	$2.8 \cdot 10^{4}$	$3.4 \cdot 10^{4}$
			$SETP_{fresh}$	$5.4 \cdot 10^{1}$	$5.2 \cdot 10^{4}$	$2.6 \cdot 10^{1}$	$8.0 \cdot 10^{1}$	$9.7 \cdot 10^{1}$
			$SETP_{marine}$	$2.9 \cdot 10^{4}$	$2.8 \cdot 10^{4}$	$4.7 \cdot 10^{4}$	$1.1 \cdot 10^{4}$	$1.3 \cdot 10^{4}$
			TETP	4.2	4.0	2.1	$5.3 \cdot 10^{1}$	$4.7 \cdot 10^{1}$
			HTP	$7.9 \cdot 10^{4}$	$8.0 \cdot 10^{4}$	$3.9 \cdot 10^{4}$	$3.0 \cdot 10^{4}$	$3.5 \cdot 10^{4}$
Halogenated aromatics								
71.	Chlorobenzene	108-90-7	$AETP_{fresh}$	$4.7 \cdot 10^{-4}$	$3.6 \cdot 10^{-1}$	$2.6 \cdot 10^{-4}$	$3.2 \cdot 10^{-3}$	$3.2 \cdot 10^{-3}$
			$AETP_{marine}$	$1.1 \cdot 10^{-1}$	$1.1 \cdot 10^{-1}$	$3.5 \cdot 10^{-1}$	$8.3 \cdot 10^{-2}$	$8.3 \cdot 10^{-2}$
			$SETP_{fresh}$	$4.4 \cdot 10^{-4}$	$3.4 \cdot 10^{-1}$	$2.4 \cdot 10^{-4}$	$3.0 \cdot 10^{-3}$	$3.0 \cdot 10^{-3}$
			$SETP_{marine}$	$5.0 \cdot 10^{-2}$	$5.5 \cdot 10^{-2}$	$4.5 \cdot 10^{-1}$	$3.7 \cdot 10^{-2}$	$3.7 \cdot 10^{-2}$
			TETP	$7.3 \cdot 10^{-4}$	$7.2 \cdot 10^{-4}$	$4.1 \cdot 10^{-4}$	$1.2 \cdot 10^{-1}$	$1.2 \cdot 10^{-1}$
			HTP	9.2	9.1	5.2	7.1	6.8

Substance No.	Name	CAS No.	Type	Initial emission compartment air	fresh water	sea water	agricult. soil	industrial soil
Halogenated aromatics								
72.	1,2-Dichlorobenzene	95-50-1	$AETP_{fresh}$	$2.9 \cdot 10^{-3}$	1.0	$1.3 \cdot 10^{-3}$	$1.9 \cdot 10^{-2}$	$1.9 \cdot 10^{-2}$
			$AETP_{marine}$	$6.7 \cdot 10^{-1}$	$6.6 \cdot 10^{-1}$	$9.5 \cdot 10^{-1}$	$5.1 \cdot 10^{-1}$	$5.1 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.7 \cdot 10^{-3}$	$9.5 \cdot 10^{-1}$	$1.2 \cdot 10^{-3}$	$1.8 \cdot 10^{-2}$	$1.8 \cdot 10^{-2}$
			$SETP_{marine}$	$2.8 \cdot 10^{-1}$	$2.8 \cdot 10^{-1}$	1.0	$2.1 \cdot 10^{-1}$	$2.1 \cdot 10^{-1}$
			TETP	$5.3 \cdot 10^{-4}$	$5.2 \cdot 10^{-4}$	$2.4 \cdot 10^{-4}$	$5.4 \cdot 10^{-2}$	$5.4 \cdot 10^{-2}$
			HTP	9.1	8.9	4.1	7.3	6.9
73.	1,3-Dichlorobenzene	541-73-1	$AETP_{fresh}$	$2.4 \cdot 10^{-3}$	1.2	$1.1 \cdot 10^{-3}$	$1.8 \cdot 10^{-2}$	$1.8 \cdot 10^{-2}$
			$AETP_{marine}$	$4.6 \cdot 10^{-1}$	$4.6 \cdot 10^{-1}$	1.0	$3.7 \cdot 10^{-1}$	$3.7 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.2 \cdot 10^{-3}$	1.2	$1.0 \cdot 10^{-3}$	$1.6 \cdot 10^{-2}$	$1.6 \cdot 10^{-2}$
			$SETP_{marine}$	$2.0 \cdot 10^{-1}$	$2.1 \cdot 10^{-1}$	1.2	$1.6 \cdot 10^{-1}$	$1.6 \cdot 10^{-1}$
			TETP	$4.4 \cdot 10^{-4}$	$4.2 \cdot 10^{-4}$	$2.0 \cdot 10^{-4}$	$6.2 \cdot 10^{-2}$	$6.2 \cdot 10^{-2}$
			HTP	$6.2 \cdot 10^{1}$	$7.4 \cdot 10^{1}$	$3.0 \cdot 10^{1}$	$2.5 \cdot 10^{2}$	$5.0 \cdot 10^{1}$
74.	1,4-Dichlorobenzene	106-46-7	$AETP_{fresh}$	$2.4 \cdot 10^{-3}$	1.0	$1.1 \cdot 10^{-3}$	$1.4 \cdot 10^{-2}$	$1.4 \cdot 10^{-2}$
			$AETP_{marine}$	$7.4 \cdot 10^{-1}$	$7.3 \cdot 10^{-1}$	1.0	$5.5 \cdot 10^{-1}$	$5.5 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.4 \cdot 10^{-3}$	1.0	$1.1 \cdot 10^{-3}$	$1.4 \cdot 10^{-2}$	$1.4 \cdot 10^{-2}$
			$SETP_{marine}$	$2.9 \cdot 10^{-1}$	$2.9 \cdot 10^{-1}$	1.0	$2.1 \cdot 10^{-1}$	$2.1 \cdot 10^{-1}$
			TETP	$1.2 \cdot 10^{-2}$	$1.2 \cdot 10^{-2}$	$5.7 \cdot 10^{-3}$	1.0	1.0
			HTP	1.0	1.1	$4.7 \cdot 10^{-1}$	2.9	$7.4 \cdot 10^{-1}$
75.	1,2,3-Trichlorobenzene	87-61-6	$AETP_{fresh}$	$8.5 \cdot 10^{-3}$	4.0	$3.9 \cdot 10^{-3}$	$2.3 \cdot 10^{-2}$	$3.0 \cdot 10^{-2}$
			$AETP_{marine}$	2.1	2.1	3.6	$6.5 \cdot 10^{-1}$	$8.6 \cdot 10^{-1}$
			$SETP_{fresh}$	$9.3 \cdot 10^{-3}$	4.4	$4.3 \cdot 10^{-3}$	$2.5 \cdot 10^{-2}$	$3.3 \cdot 10^{-2}$
			$SETP_{marine}$	$8.5 \cdot 10^{-1}$	$8.7 \cdot 10^{-1}$	3.5	$2.6 \cdot 10^{-1}$	$3.5 \cdot 10^{-1}$
			TETP	$7.5 \cdot 10^{-2}$	$7.3 \cdot 10^{-2}$	$3.5 \cdot 10^{-2}$	9.3	8.0
			HTP	$1.3 \cdot 10^{2}$	$1.3 \cdot 10^{2}$	$6.2 \cdot 10^{1}$	$5.6 \cdot 10^{1}$	$5.4 \cdot 10^{1}$
76.	1,2,4-Trichlorobenzene	120-82-1	$AETP_{fresh}$	$9.9 \cdot 10^{-3}$	3.5	$4.4 \cdot 10^{-3}$	$2.0 \cdot 10^{-2}$	$3.2 \cdot 10^{-2}$
			$AETP_{marine}$	2.0	2.0	3.1	$4.3 \cdot 10^{-1}$	$7.1 \cdot 10^{-1}$
			$SETP_{fresh}$	$1.1 \cdot 10^{-2}$	3.8	$4.8 \cdot 10^{-3}$	$2.2 \cdot 10^{-2}$	$3.6 \cdot 10^{-2}$
			$SETP_{marine}$	$8.4 \cdot 10^{-1}$	$8.6 \cdot 10^{-1}$	2.9	$1.8 \cdot 10^{-1}$	$3.0 \cdot 10^{-1}$
			TETP	$8.8 \cdot 10^{-3}$	$8.5 \cdot 10^{-3}$	$4.0 \cdot 10^{-3}$	1.2	$9.9 \cdot 10^{-1}$
			HTP	$1.2 \cdot 10^{2}$	$1.2 \cdot 10^{2}$	$5.6 \cdot 10^{1}$	$4.2 \cdot 10^{1}$	$4.3 \cdot 10^{1}$
77.	1,3,5-Trichlorobenzene	108-70-3	$AETP_{fresh}$	$1.6 \cdot 10^{-2}$	5.0	$7.0 \cdot 10^{-3}$	$5.4 \cdot 10^{-2}$	$6.6 \cdot 10^{-2}$
			$AETP_{marine}$	3.0	3.0	4.5	1.1	1.3
			$SETP_{fresh}$	$1.7 \cdot 10^{-2}$	5.2	$7.2 \cdot 10^{-3}$	$5.6 \cdot 10^{-2}$	$6.9 \cdot 10^{-2}$
			$SETP_{marine}$	1.3	1.3	4.5	$4.5 \cdot 10^{-1}$	$5.5 \cdot 10^{-1}$
			TETP	$1.9 \cdot 10^{-3}$	$1.8 \cdot 10^{-3}$	$8.3 \cdot 10^{-4}$	$2.5 \cdot 10^{-1}$	$2.2 \cdot 10^{-1}$
			HTP	$1.2 \cdot 10^{2}$	$1.2 \cdot 10^{2}$	$5.4 \cdot 10^{1}$	$6.9 \cdot 10^{1}$	$5.2 \cdot 10^{1}$
78.	1,2,3,4-Tetrachlorobenzene	634-66-2	$AETP_{fresh}$	$1.0 \cdot 10^{-1}$	$1.6 \cdot 10^{1}$	$3.8 \cdot 10^{-2}$	$2.8 \cdot 10^{-2}$	$1.0 \cdot 10^{-1}$
			$AETP_{marine}$	$1.7 \cdot 10^{1}$	$1.6 \cdot 10^{1}$	$1.5 \cdot 10^{1}$	$3.9 \cdot 10^{-1}$	1.5
			$SETP_{fresh}$	$1.2 \cdot 10^{-1}$	$1.9 \cdot 10^{1}$	$4.5 \cdot 10^{-2}$	$3.2 \cdot 10^{-2}$	$1.2 \cdot 10^{-1}$
			$SETP_{marine}$	6.9	6.7	$1.2 \cdot 10^{1}$	$1.6 \cdot 10^{-1}$	$6.0 \cdot 10^{-1}$
			TETP	$9.9 \cdot 10^{-3}$	$9.3 \cdot 10^{-3}$	$3.7 \cdot 10^{-3}$	$8.3 \cdot 10^{-1}$	$7.7 \cdot 10^{-1}$
			HTP	$5.0 \cdot 10^{1}$	$1.6 \cdot 10^{2}$	$3.0 \cdot 10^{1}$	$8.0 \cdot 10^{1}$	5.2
79.	1,2,3,5-Tetrachlorobenzene	634-90-2	$AETP_{fresh}$	$7.3 \cdot 10^{-2}$	$1.4 \cdot 10^{1}$	$3.0 \cdot 10^{-2}$	$8.3 \cdot 10^{-2}$	$1.9 \cdot 10^{-1}$
			$AETP_{marine}$	$1.8 \cdot 10^{1}$	$1.7 \cdot 10^{1}$	$1.6 \cdot 10^{1}$	2.3	5.1
			$SETP_{fresh}$	$8.1 \cdot 10^{-2}$	$1.6 \cdot 10^{1}$	$3.3 \cdot 10^{-2}$	$9.3 \cdot 10^{-2}$	$2.1 \cdot 10^{-1}$
			$SETP_{marine}$	7.0	7.0	$1.3 \cdot 10^{1}$	$9.0 \cdot 10^{-1}$	2.0
			TETP	$1.8 \cdot 10^{-1}$	$1.7 \cdot 10^{-1}$	$7.4 \cdot 10^{-2}$	$1.5 \cdot 10^{1}$	$1.2 \cdot 10^{1}$
			HTP	$4.6 \cdot 10^{1}$	$9.2 \cdot 10^{1}$	$2.5 \cdot 10^{1}$	$1.8 \cdot 10^{2}$	$1.4 \cdot 10^{1}$

Substance No.	Name	CAS No.	Type	Initial emission compartment air	fresh water	sea water	agricult. soil	industrial soil
Halogenated aromatics								
80.	1,2,4,5-Tetrachlorobenzene	95-94-3	$AETP_{fresh}$	$7.3 \cdot 10^{-2}$	$1.3 \cdot 10^{1}$	$2.9 \cdot 10^{-2}$	$2.5 \cdot 10^{-2}$	$9.0 \cdot 10^{-2}$
			$AETP_{marine}$	$1.5 \cdot 10^{1}$	$1.4 \cdot 10^{1}$	$1.3 \cdot 10^{1}$	$5.1 \cdot 10^{-1}$	1.8
			$SETP_{fresh}$	$8.5 \cdot 10^{-2}$	$1.5 \cdot 10^{1}$	$3.3 \cdot 10^{-2}$	$2.9 \cdot 10^{-2}$	$1.0 \cdot 10^{-1}$
			$SETP_{marine}$	6.1	5.9	$1.0 \cdot 10^{1}$	$2.1 \cdot 10^{-1}$	$7.4 \cdot 10^{-1}$
			TETP	$2.4 \cdot 10^{-1}$	$2.3 \cdot 10^{-1}$	$9.5 \cdot 10^{-2}$	$1.9 \cdot 10^{1}$	$1.7 \cdot 10^{1}$
			HTP	$3.5 \cdot 10^{1}$	$1.8 \cdot 10^{2}$	$3.0 \cdot 10^{1}$	$8.4 \cdot 10^{1}$	5.4
81.	Pentachlorobenzene	608-93-5	$AETP_{fresh}$	$3.7 \cdot 10^{-1}$	$5.1 \cdot 10^{1}$	$2.4 \cdot 10^{-1}$	$5.9 \cdot 10^{-1}$	1.1
			$AETP_{marine}$	$1.7 \cdot 10^{2}$	$1.7 \cdot 10^{2}$	$1.7 \cdot 10^{2}$	$2.8 \cdot 10^{1}$	$5.4 \cdot 10^{1}$
			$SETP_{fresh}$	$5.2 \cdot 10^{-1}$	$7.2 \cdot 10^{1}$	$3.3 \cdot 10^{-1}$	$8.3 \cdot 10^{-1}$	1.6
			$SETP_{marine}$	$8.7 \cdot 10^{1}$	$8.7 \cdot 10^{1}$	$1.4 \cdot 10^{2}$	$1.4 \cdot 10^{1}$	$2.7 \cdot 10^{1}$
			TETP	$3.9 \cdot 10^{-2}$	$3.8 \cdot 10^{-2}$	$2.6 \cdot 10^{-2}$	2.1	1.7
			HTP	$4.1 \cdot 10^{2}$	$1.2 \cdot 10^{3}$	$4.1 \cdot 10^{2}$	$4.5 \cdot 10^{3}$	$1.4 \cdot 10^{2}$
82.	Hexachlorobenzene	118-74-1	$AETP_{fresh}$	1.3	$1.5 \cdot 10^{2}$	1.1	3.2	4.3
			$AETP_{marine}$	$2.4 \cdot 10^{3}$	$2.4 \cdot 10^{3}$	$2.4 \cdot 10^{3}$	$7.2 \cdot 10^{2}$	$9.6 \cdot 10^{2}$
			$SETP_{fresh}$	4.3	$4.9 \cdot 10^{2}$	3.6	$1.0 \cdot 10^{1}$	$1.4 \cdot 10^{1}$
			$SETP_{marine}$	$2.8 \cdot 10^{3}$	$2.7 \cdot 10^{3}$	$3.4 \cdot 10^{3}$	$8.3 \cdot 10^{2}$	$1.1 \cdot 10^{3}$
			TETP	$2.6 \cdot 10^{-1}$	$2.6 \cdot 10^{-1}$	$2.4 \cdot 10^{-1}$	3.5	3.0
			HTP	$3.2 \cdot 10^{6}$	$5.6 \cdot 10^{6}$	$3.4 \cdot 10^{6}$	$3.3 \cdot 10^{7}$	$1.3 \cdot 10^{6}$
83.	2-Chlorophenol	95-57-8	$AETP_{fresh}$	$1.3 \cdot 10^{1}$	$1.6 \cdot 10^{3}$	$6.7 \cdot 10^{-3}$	7.9	$3.1 \cdot 10^{1}$
			$AETP_{marine}$	$1.2 \cdot 10^{1}$	$1.3 \cdot 10^{1}$	$4.6 \cdot 10^{1}$	$6.8 \cdot 10^{-2}$	$2.6 \cdot 10^{-1}$
			$SETP_{fresh}$	$1.0 \cdot 10^{1}$	$1.3 \cdot 10^{3}$	$5.3 \cdot 10^{-3}$	6.3	$2.4 \cdot 10^{1}$
			$SETP_{marine}$	$1.3 \cdot 10^{1}$	$1.7 \cdot 10^{1}$	$6.1 \cdot 10^{1}$	$9.0 \cdot 10^{-2}$	$3.5 \cdot 10^{-1}$
			TETP	$5.3 \cdot 10^{-2}$	$1.3 \cdot 10^{-3}$	$2.7 \cdot 10^{-5}$	$3.8 \cdot 10^{-1}$	$3.7 \cdot 10^{-1}$
			HTP	$2.2 \cdot 10^{1}$	$7.0 \cdot 10^{1}$	$3.5 \cdot 10^{-1}$	8.3	1.4
84.	2,4-Dichlorophenol	120-83-2	$AETP_{fresh}$	1.4	$1.7 \cdot 10^{2}$	$2.9 \cdot 10^{-4}$	2.5	9.2
			$AETP_{marine}$	1.3	$2.5 \cdot 10^{-1}$	3.7	$7.0 \cdot 10^{-3}$	$2.7 \cdot 10^{-2}$
			$SETP_{fresh}$	$5.5 \cdot 10^{-1}$	$6.8 \cdot 10^{1}$	$1.1 \cdot 10^{-4}$	1.0	3.6
			$SETP_{marine}$	$5.2 \cdot 10^{-1}$	$1.3 \cdot 10^{-1}$	2.0	$3.2 \cdot 10^{-3}$	$1.2 \cdot 10^{-2}$
			TETP	$3.0 \cdot 10^{-2}$	$9.6 \cdot \cdot 10^{-4}$	$6.2 \cdot 10^{-6}$	$5.9 \cdot 10^{-1}$	$5.4 \cdot 10^{-1}$
			HTP	$9.5 \cdot 10^{1}$	$1.6 \cdot 10^{1}$	$6.5 \cdot 10^{-2}$	$7.4 \cdot 10^{2}$	1.9
85.	2,4,5-Trichlorophenol	95-95-4	$AETP_{fresh}$	$1.5 \cdot 10^{1}$	$1.6 \cdot 10^{3}$	$5.4 \cdot 10^{-2}$	$2.8 \cdot 10^{1}$	$9.9 \cdot 10^{1}$
			$AETP_{marine}$	$5.3 \cdot 10^{1}$	$6.4 \cdot 10^{1}$	$1.2 \cdot 10^{2}$	1.3	4.6
			$SETP_{fresh}$	$1.7 \cdot 10^{1}$	$1.9 \cdot 10^{3}$	$6.4 \cdot 10^{-2}$	$3.3 \cdot 10^{1}$	$1.2 \cdot 10^{2}$
			$SETP_{marine}$	$4.8 \cdot 10^{1}$	$8.1 \cdot 10^{1}$	$1.6 \cdot 10^{2}$	1.6	5.7
			TETP	$2.4 \cdot 10^{-1}$	$6.1 \cdot 10^{-2}$	$9.1 \cdot 10^{-4}$	4.4	3.9
			HTP	8.3	$4.5 \cdot 10^{1}$	$6.1 \cdot 10^{-1}$	5.3	2.9
86.	2,4,6-Trichlorophenol	88-6-2	$AETP_{fresh}$	5.9	$2.9 \cdot 10^{2}$	$2.4 \cdot 10^{-4}$	1.2	4.8
			$AETP_{marine}$	3.9	1.6	7.6	$8.2 \cdot 10^{-3}$	$3.2 \cdot 10^{-2}$
			$SETP_{fresh}$	5.7	$2.9 \cdot 10^{2}$	$2.3 \cdot 10^{-4}$	1.2	4.7
			$SETP_{marine}$	4.3	1.9	8.9	$9.5 \cdot 10^{-3}$	$3.7 \cdot 10^{-2}$
			TETP	$3.2 \cdot 10^{-1}$	$6.7 \cdot 10^{-4}$	$1.3 \cdot 10^{-5}$	$7.0 \cdot 10^{-1}$	$6.8 \cdot 10^{-1}$
			HTP	$1.4 \cdot 10^{4}$	$9.1 \cdot 10^{3}$	$4.7 \cdot 10^{1}$	$1.8 \cdot 10^{3}$	$1.7 \cdot 10^{2}$
87.	2,3,4,6-Tetrachlorophenol	58-90-2	$AETP_{fresh}$	$8.0 \cdot 10^{1}$	$5.2 \cdot 10^{3}$	$1.3 \cdot 10^{-3}$	$3.2 \cdot 10^{1}$	$1.2 \cdot 10^{2}$
			$AETP_{marine}$	$1.3 \cdot 10^{2}$	$9.1 \cdot 10^{1}$	$2.2 \cdot 10^{2}$	$6.2 \cdot 10^{-1}$	2.5
			$SETP_{fresh}$	$8.7 \cdot 10^{1}$	$5.7 \cdot 10^{3}$	$1.4 \cdot 10^{-3}$	$3.5 \cdot 10^{1}$	$1.3 \cdot 10^{2}$
			$SETP_{marine}$	$1.1 \cdot 10^{2}$	$1.0 \cdot 10^{2}$	$2.5 \cdot 10^{2}$	$6.8 \cdot 10^{-1}$	2.7
			TETP	$3.1 \cdot 10^{-1}$	$1.7 \cdot 10^{-3}$	$5.2 \cdot 10^{-6}$	1.0	$9.7 \cdot 10^{-1}$
			HTP	$2.9 \cdot 10^{2}$	$3.5 \cdot 10^{1}$	$2.6 \cdot 10^{-1}$	$3.1 \cdot 10^{1}$	1.6

Substance No.	Name	CAS No.	Type	Initial emission compartment: air	fresh water	sea water	agricult. soil	industrial soil
Halogenated aromatics								
88.	Pentachlorophenol	87-86-5	$AETP_{fresh}$	$1.1 \cdot 10^{1}$	$7.1 \cdot 10^{2}$	$1.2 \cdot 10^{-5}$	$3.3 \cdot 10^{-1}$	1.3
			$AETP_{marine}$	$4.0 \cdot 10^{1}$	$1.2 \cdot 10^{1}$	$7.8 \cdot 10^{1}$	$5.9 \cdot 10^{-3}$	$2.7 \cdot 10^{-2}$
			$SETP_{fresh}$	$2.4 \cdot 10^{1}$	$1.6 \cdot 10^{3}$	$2.7 \cdot 10^{-5}$	$7.4 \cdot 10^{-1}$	3.0
			$SETP_{marine}$	$6.9 \cdot 10^{1}$	$2.2 \cdot 10^{1}$	$1.4 \cdot 10^{2}$	$1.1 \cdot 10^{-2}$	$4.9 \cdot 10^{-2}$
			TETP	2.3	$3.2 \cdot 10^{-4}$	$2.6 \cdot 10^{-6}$	4.8	4.8
			HTP	5.1	7.2	$1.4 \cdot 10^{-1}$	$1.5 \cdot 10^{-1}$	$3.9 \cdot 10^{-2}$
89.	Benzylchloride	100-44-7	$AETP_{fresh}$	$7.6 \cdot 10^{-1}$	$2.0 \cdot 10^{2}$	$1.1 \cdot 10^{-2}$	$9.2 \cdot 10^{-1}$	3.2
			$AETP_{marine}$	2.1	1.2	7.8	$8.2 \cdot 10^{-2}$	$2.9 \cdot 10^{-1}$
			$SETP_{fresh}$	$1.1 \cdot 10^{-1}$	$2.9 \cdot 10^{1}$	$1.7 \cdot 10^{-3}$	$1.3 \cdot 10^{-1}$	$4.7 \cdot 10^{-1}$
			$SETP_{marine}$	$3.3 \cdot 10^{-1}$	$1.9 \cdot 10^{-1}$	1.9	$1.3 \cdot 10^{-2}$	$4.5 \cdot 10^{-2}$
			TETP	$1.7 \cdot 10^{-3}$	$8.3 \cdot 10^{-4}$	$2.5 \cdot 10^{-5}$	$8.0 \cdot 10^{-1}$	$7.1 \cdot 10^{-1}$
			HTP	$3.5 \cdot 10^{3}$	$2.4 \cdot 10^{3}$	$5.5 \cdot 10^{1}$	$5.5 \cdot 10^{3}$	$4.9 \cdot 10^{2}$
90.	3-Chloroaniline	108-42-9	$AETP_{fresh}$	$1.0 \cdot 10^{2}$	$2.5 \cdot 10^{3}$	$3.7 \cdot 10^{-6}$	$7.4 \cdot 10^{1}$	$2.5 \cdot 10^{2}$
			$AETP_{marine}$	$2.3 \cdot 10^{1}$	$1.1 \cdot 10^{1}$	$5.9 \cdot 10^{1}$	$3.2 \cdot 10^{-1}$	1.2
			$SETP_{fresh}$	$9.3 \cdot 10^{1}$	$2.3 \cdot 10^{3}$	$3.4 \cdot 10^{-6}$	$6.8 \cdot 10^{1}$	$2.3 \cdot 10^{2}$
			$SETP_{marine}$	$3.2 \cdot 10^{1}$	$1.5 \cdot 10^{1}$	$8.2 \cdot 10^{1}$	$4.5 \cdot 10^{-1}$	1.6
			TETP	$4.7 \cdot 10^{-1}$	$9.4 \cdot 10^{-6}$	$1.7 \cdot 10^{-8}$	1.4	1.2
			HTP	$1.7 \cdot 10^{4}$	$3.5 \cdot 10^{3}$	2.1	$3.0 \cdot 10^{4}$	$4.6 \cdot 10^{2}$
91.	4-Chloroaniline	106-47-8	$AETP_{fresh}$	2.0	$3.1 \cdot 10^{3}$	$1.1 \cdot 10^{-2}$	$1.7 \cdot 10^{2}$	$4.9 \cdot 10^{2}$
			$AETP_{marine}$	1.7	$1.4 \cdot 10^{1}$	$9.6 \cdot 10^{1}$	$7.7 \cdot 10^{-1}$	2.2
			$SETP_{fresh}$	1.8	$2.7 \cdot 10^{3}$	$9.7 \cdot 10^{-3}$	$1.5 \cdot 10^{2}$	$4.2 \cdot 10^{2}$
			$SETP_{marine}$	2.3	$2.0 \cdot 10^{1}$	$1.4 \cdot 10^{2}$	1.1	3.3
			TETP	$1.6 \cdot 10^{-2}$	$3.6 \cdot 10^{-3}$	$8.6 \cdot 10^{-5}$	$1.6 \cdot 10^{1}$	$1.1 \cdot 10^{1}$
			HTP	$2.6 \cdot 10^{2}$	$2.9 \cdot 10^{3}$	4.0	$3.5 \cdot 10^{4}$	$5.1 \cdot 10^{2}$
92.	3,4-Dichloroaniline	95-76-1	$AETP_{fresh}$	$1.7 \cdot 10^{3}$	$1.9 \cdot 10^{4}$	$1.2 \cdot 10^{-3}$	$1.8 \cdot 10^{3}$	$4.0 \cdot 10^{3}$
			$AETP_{marine}$	$1.7 \cdot 10^{3}$	$2.8 \cdot 10^{3}$	$3.3 \cdot 10^{3}$	$2.7 \cdot 10^{2}$	$6.0 \cdot 10^{2}$
			$SETP_{fresh}$	$2.1 \cdot 10^{3}$	$2.4 \cdot 10^{4}$	$1.5 \cdot 10^{-3}$	$2.3 \cdot 10^{3}$	$5.0 \cdot 10^{3}$
			$SETP_{marine}$	$2.1 \cdot 10^{3}$	$3.5 \cdot 10^{3}$	$4.1 \cdot 10^{3}$	$3.3 \cdot 10^{2}$	$7.4 \cdot 10^{2}$
			TETP	8.7	$7.6 \cdot 10^{-4}$	$6.7 \cdot 10^{-6}$	$2.6 \cdot 10^{1}$	$1.8 \cdot 10^{1}$
			HTP	$2.2 \cdot 10^{2}$	$1.3 \cdot 10^{2}$	1.5	$1.7 \cdot 10^{3}$	$3.1 \cdot 10^{1}$
93.	1-Chloro-4-nitrobenzene	100-00-5	$AETP_{fresh}$	$1.1 \cdot 10^{1}$	$8.6 \cdot 10^{2}$	1.9	$1.5 \cdot 10^{2}$	$1.5 \cdot 10^{2}$
			$AETP_{marine}$	$3.9 \cdot 10^{2}$	$3.7 \cdot 10^{2}$	$3.7 \cdot 10^{2}$	$1.2 \cdot 10^{2}$	$1.2 \cdot 10^{2}$
			$SETP_{fresh}$	$1.0 \cdot 10^{1}$	$7.7 \cdot 10^{2}$	1.7	$1.3 \cdot 10^{2}$	$1.3 \cdot 10^{2}$
			$SETP_{marine}$	$2.4 \cdot 10^{2}$	$2.6 \cdot 10^{2}$	$4.4 \cdot 10^{2}$	$7.9 \cdot 10^{1}$	$7.9 \cdot 10^{1}$
			TETP	$5.4 \cdot 10^{-1}$	$4.4 \cdot 10^{-1}$	$9.6 \cdot 10^{-2}$	$1.7 \cdot 10^{1}$	$1.7 \cdot 10^{1}$
			HTP	$1.2 \cdot 10^{3}$	$1.7 \cdot 10^{3}$	$2.2 \cdot 10^{2}$	$2.2 \cdot 10^{4}$	$4.6 \cdot 10^{2}$
94.	Pentachloronitrobenzene	82-68-8	$AETP_{fresh}$	$4.7 \cdot 10^{1}$	$4.0 \cdot 10^{3}$	$1.1 \cdot 10^{1}$	$1.5 \cdot 10^{1}$	5.810^{1}
			$AETP_{marine}$	$6.0 \cdot 10^{3}$	$2.8 \cdot 10^{3}$	$5.6 \cdot 10^{3}$	$3.0 \cdot 10^{1}$	1.210^{2}
			$SETP_{fresh}$	$1.3 \cdot 10^{1}$	$1.1 \cdot 10^{3}$	3.1	4.3	1.710^{1}
			$SETP_{marine}$	$4.4 \cdot 10^{2}$	$2.2 \cdot 10^{2}$	$5.5 \cdot 10^{2}$	2.3	8.8
			TETP	$1.2 \cdot 10^{-1}$	$5.0 \cdot 10^{-2}$	$2.9 \cdot 10^{-2}$	2.7	2.6
			HTP	$1.9 \cdot 10^{2}$	$9.1 \cdot 10^{1}$	$4.6 \cdot 10^{1}$	$7.2 \cdot 10^{1}$	4.3
95.	2,3,7,8-TCDD	1746-1-6	$AETP_{fresh}$	$2.1 \cdot 10^{6}$	$1.7 \cdot 10^{8}$	$1.3 \cdot 10^{5}$	$1.2 \cdot 10^{5}$	$4.9 \cdot 10^{5}$
			$AETP_{marine}$	$3.0 \cdot 10^{8}$	$4.5 \cdot 10^{7}$	$5.0 \cdot 10^{8}$	$4.5 \cdot 10^{4}$	$1.8 \cdot 10^{5}$
			$SETP_{fresh}$	$6.8 \cdot 10^{6}$	$5.6 \cdot 10^{8}$	$4.3 \cdot 10^{5}$	$4.0 \cdot 10^{5}$	$1.6 \cdot 10^{6}$
			$SETP_{marine}$	$8.1 \cdot 10^{8}$	$1.5 \cdot 10^{8}$	$1.9 \cdot 10^{9}$	$1.4 \cdot 10^{5}$	$5.7 \cdot 10^{5}$
			TETP	$1.2 \cdot 10^{4}$	$5.9 \cdot 10^{2}$	$8.3 \cdot 10^{2}$	$2.7 \cdot 10^{4}$	$2.7 \cdot 10^{4}$
			HTP	$1.9 \cdot 10^{9}$	$8.6 \cdot 10^{8}$	$4.2 \cdot 10^{8}$	$1.3 \cdot 10^{9}$	$1.0 \cdot 10^{7}$

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
96.	Acephate	30560-19-1	$AETP_{fresh}$	$7.9 \cdot 10^{1}$	$1.1 \cdot 10^{3}$	$6.0 \cdot 10^{-8}$	$5.1 \cdot 10^{1}$	$1.6 \cdot 10^{2}$
			$AETP_{marine}$	$1.9 \cdot 10^{1}$	$1.5 \cdot 10^{1}$	$3.7 \cdot 10^{1}$	$6.7 \cdot 10^{-1}$	2.1
			$SETP_{fresh}$	$4.0 \cdot 10^{1}$	$5.6 \cdot 10^{2}$	$3.1 \cdot 10^{-8}$	$2.6 \cdot 10^{1}$	$8.1 \cdot 10^{1}$
			$SETP_{marine}$	$1.8 \cdot 10^{1}$	$1.4 \cdot 10^{1}$	$3.5 \cdot 10^{1}$	$6.4 \cdot 10^{-1}$	2.0
			TETP	$6.9 \cdot 10^{-1}$	$2.2 \cdot 10^{-8}$	5.310^{-10}	1.7	1.3
			HTP	3.1	2.1	$5.1 \cdot 10^{-4}$	$2.2 \cdot 10^{1}$	$3.1 \cdot 10^{-1}$
97.	Aldicarb	116-6-3	$AETP_{fresh}$	$5.1 \cdot 10^{4}$	$4.4 \cdot 10^{5}$	$1.2 \cdot 10^{-1}$	$9.6 \cdot 10^{4}$	$9.6 \cdot 10^{4}$
			$AETP_{marine}$	$8.2 \cdot 10^{3}$	$7.4 \cdot 10^{3}$	$1.5 \cdot 10^{4}$	$1.6 \cdot 10^{3}$	$1.6 \cdot 10^{3}$
			$SETP_{fresh}$	$4.1 \cdot 10^{4}$	$3.5 \cdot 10^{5}$	$9.8 \cdot 10^{-2}$	$7.6 \cdot 10^{4}$	$7.6 \cdot 10^{4}$
			$SETP_{marine}$	$1.2 \cdot 10^{4}$	$1.1 \cdot 10^{4}$	$2.2 \cdot 10^{4}$	$2.4 \cdot 10^{3}$	$2.4 \cdot 10^{3}$
			TETP	$2.0 \cdot 10^{3}$	$1.9 \cdot 10^{-1}$	$4.8 \cdot 10^{-3}$	$4.2 \cdot 10^{3}$	$4.2 \cdot 10^{3}$
			HTP	$7.2 \cdot 10^{1}$	$6.1 \cdot 10^{1}$	$2.4 \cdot 10^{-1}$	$5.1 \cdot 10^{2}$	$1.3 \cdot 10^{1}$
98.	Aldrin	309-00-2	$AETP_{fresh}$	2.7	$1.2 \cdot 10^{4}$	1.3	$2.8 \cdot 10^{2}$	$2.9 \cdot 10^{2}$
			$AETP_{marine}$	$6.1 \cdot 10^{1}$	$2.1 \cdot 10^{2}$	$8.0 \cdot 10^{3}$	$3.2 \cdot 10^{1}$	$3.3 \cdot 10^{1}$
			$SETP_{fresh}$	$2.4 \cdot 10^{-1}$	$1.0 \cdot 10^{3}$	$1.1 \cdot 10^{-1}$	$2.4 \cdot 10^{1}$	$2.5 \cdot 10^{1}$
			$SETP_{marine}$	5.4	$1.9 \cdot 10^{1}$	$7.4 \cdot 10^{2}$	2.9	3.0
			TETP	$1.4 \cdot 10^{-2}$	$1.4 \cdot 10^{-2}$	$6.7 \cdot 10^{-3}$	$2.0 \cdot 10^{1}$	$2.0 \cdot 10^{1}$
			HTP	$1.9 \cdot 10^{1}$	$6.0 \cdot 10^{3}$	$7.8 \cdot 10^{2}$	$4.7 \cdot 10^{3}$	$1.6 \cdot 10^{2}$
99.	Anilazine	101-5-3	$AETP_{fresh}$	$1.4 \cdot 10^{1}$	$1.1 \cdot 10^{3}$	$1.1 \cdot 10^{-7}$	$2.1 \cdot 10^{-1}$	$8.6 \cdot 10^{-1}$
			$AETP_{marine}$	8.3	$2.5 \cdot 10^{-1}$	$2.0 \cdot 10^{1}$	$5.0 \cdot 10^{-5}$	$2.0 \cdot 10^{-4}$
			$SETP_{fresh}$	$8.8 \cdot 10^{-1}$	$7.0 \cdot 10^{1}$	$6.8 \cdot 10^{-9}$	$1.4 \cdot 10^{-2}$	$5.5 \cdot 10^{-2}$
			$SETP_{marine}$	$3.4 \cdot 10^{-1}$	$1.0 \cdot 10^{-2}$	$8.3 \cdot 10^{-1}$	$2.1 \cdot 10^{-6}$	$8.5 \cdot 10^{-6}$
			TETP	$9.2 \cdot 10^{-2}$	$5.0 \cdot 10^{-8}$	$7.0 \cdot 10^{-10}$	$2.3 \cdot 10^{-1}$	$2.3 \cdot 10^{-1}$
			HTP	$7.2 \cdot 10^{-2}$	$2.4 \cdot 10^{-1}$	$8.2 \cdot 10^{-4}$	$8.0 \cdot 10^{-2}$	$3.0 \cdot 10^{-4}$
100.	Atrazine	1912-24-9	$AETP_{fresh}$	$3.6 \cdot 10^{2}$	$5.0 \cdot 10^{3}$	$8.3 \cdot 10^{-3}$	$3.4 \cdot 10^{2}$	$9.3 \cdot 10^{2}$
			$AETP_{marine}$	$2.8 \cdot 10^{2}$	$4.9 \cdot 10^{2}$	$6.1 \cdot 10^{2}$	$3.4 \cdot 10^{1}$	$9.3 \cdot 10^{1}$
			$SETP_{fresh}$	$3.1 \cdot 10^{2}$	$4.3 \cdot 10^{3}$	$7.2 \cdot 10^{-3}$	$3.0 \cdot 10^{2}$	$8.0 \cdot 10^{2}$
			$SETP_{marine}$	$3.1 \cdot 10^{2}$	$5.4 \cdot 10^{2}$	$6.7 \cdot 10^{2}$	$3.8 \cdot 10^{1}$	$1.0 \cdot 10^{2}$
			TETP	2.0	$7.6 \cdot 10^{-4}$	$5.0 \cdot 10^{-5}$	6.6	4.4
			HTP	4.5	4.6	$1.8 \cdot 10^{-2}$	$2.1 \cdot 10^{1}$	$8.8 \cdot 10^{-1}$
101.	Azinphos-ethyl	2642-71-9	$AETP_{fresh}$	$2.9 \cdot 10^{2}$	$2.7 \cdot 10^{5}$	$4.1 \cdot 10^{-2}$	$2.8 \cdot 10^{3}$	$3.7 \cdot 10^{3}$
			$AETP_{marine}$	$1.6 \cdot 10^{2}$	$1.0 \cdot 10^{3}$	$5.9 \cdot 10^{3}$	$1.1 \cdot 10^{1}$	$1.4 \cdot 10^{1}$
			$SETP_{fresh}$	$2.1 \cdot 10^{2}$	$2.0 \cdot 10^{5}$	$3.0 \cdot 10^{-2}$	$2.0 \cdot 10^{3}$	$2.7 \cdot 10^{3}$
			$SETP_{marine}$	$1.3 \cdot 10^{2}$	$7.9 \cdot 10^{2}$	$4.7 \cdot 10^{3}$	8.4	$1.1 \cdot 10^{1}$
			TETP	2.4	$2.1 \cdot 10^{-2}$	$3.4 \cdot 10^{-4}$	$2.2 \cdot 10^{2}$	$7.2 \cdot 10^{1}$
			HTP	$2.0 \cdot 10^{2}$	$4.6 \cdot 10^{2}$	1.6	$7.6 \cdot 10^{2}$	6.9
102.	Azinphos-methyl	86-50-0	$AETP_{fresh}$	$4.2 \cdot 10^{2}$	$5.2 \cdot 10^{4}$	$1.1 \cdot 10^{-4}$	$1.9 \cdot 10^{2}$	$8.0 \cdot 10^{2}$
			$AETP_{marine}$	$2.0 \cdot 10^{2}$	$3.5 \cdot 10^{1}$	$1.0 \cdot 10^{3}$	$1.4 \cdot 10^{-1}$	$5.8 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.2 \cdot 10^{2}$	$2.7 \cdot 10^{4}$	$5.6 \cdot 10^{-5}$	$1.0 \cdot 10^{2}$	$4.1 \cdot 10^{2}$
			$SETP_{marine}$	$5.7 \cdot 10^{1}$	$1.0 \cdot 10^{1}$	$2.9 \cdot 10^{2}$	$4.1 \cdot 10^{-2}$	$1.7 \cdot 10^{-1}$
			TETP	$1.9 \cdot 10^{-1}$	$3.3 \cdot 10^{-6}$	$4.9 \cdot 10^{-8}$	$9.7 \cdot 10^{-1}$	1.0
			HTP	$1.4 \cdot 10^{1}$	2.5	$5.7 \cdot 10^{-3}$	$3.9 \cdot 10^{1}$	$9.9 \cdot 10^{-2}$
103.	Benomyl	17804-35-2	$AETP_{fresh}$	$3.0 \cdot 10^{1}$	$6.8 \cdot 10^{3}$	$8.9 \cdot 10^{-8}$	4.6	$1.8 \cdot 10^{1}$
			$AETP_{marine}$	$2.1 \cdot 10^{1}$	8.6	$1.5 \cdot 10^{2}$	$5.8 \cdot 10^{-3}$	$2.3 \cdot 10^{-2}$
			$SETP_{fresh}$	3.9	$8.8 \cdot 10^{2}$	$1.1 \cdot 10^{-8}$	$5.9 \cdot 10^{-1}$	2.4
			$SETP_{marine}$	1.8	$7.5 \cdot 10^{-1}$	$1.3 \cdot 10^{1}$	$5.0 \cdot 10^{-4}$	$2.0 \cdot 10^{-3}$
			TETP	$4.7 \cdot 10^{-1}$	$8.2 \cdot 10^{-8}$	$1.4 \cdot 10^{-9}$	3.5	3.5
			HTP	$2.1 \cdot 10^{-2}$	$1.4 \cdot 10^{-1}$	$2.4 \cdot 10^{-4}$	$4.3 \cdot 10^{-1}$	$1.1 \cdot 10^{-3}$

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
104.	Bentazone	25057-89-0	$AETP_{fresh}$	5.6	$5.1 \cdot 10^{1}$	$7.4 \cdot 10^{-9}$	8.3	$1.1 \cdot 10^{1}$
			$AETP_{marine}$	$6.2 \cdot 10^{-1}$	$2.2 \cdot 10^{-1}$	1.2	$3.6 \cdot 10^{-2}$	$4.8 \cdot 10^{-2}$
			$SETP_{fresh}$	4.5	$4.1 \cdot 10^{1}$	$6.0 \cdot 10^{-9}$	6.7	8.8
			$SETP_{marine}$	$9.4 \cdot 10^{-1}$	$3.3 \cdot 10^{-1}$	1.8	$5.5 \cdot 10^{-2}$	$7.2 \cdot 10^{-2}$
			TETP	$2.5 \cdot 10^{-1}$	$1.8 \cdot 10^{-7}$	$3.3 \cdot 10^{-10}$	$5.9 \cdot 10^{-1}$	$5.0 \cdot 10^{-1}$
			HTP	2.1	$7.3 \cdot 10^{-1}$	$2.2 \cdot 10^{-3}$	$1.5 \cdot 10^{1}$	$1.6 \cdot 10^{-1}$
105.	Bifenthrin	82657-4-3	$AETP_{fresh}$	$8.2 \cdot 10^{2}$	$2.4 \cdot 10^{5}$	$5.5 \cdot 10^{-2}$	$1.0 \cdot 10^{2}$	$4.1 \cdot 10^{2}$
			$AETP_{marine}$	$1.0 \cdot 10^{3}$	$2.1 \cdot 10^{2}$	$8.9 \cdot 10^{3}$	$1.1 \cdot 10^{-1}$	$4.5 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.4 \cdot 10^{3}$	$7.2 \cdot 10^{5}$	$1.6 \cdot 10^{-1}$	$3.1 \cdot 10^{2}$	$1.2 \cdot 10^{3}$
			$SETP_{marine}$	$3.7 \cdot 10^{3}$	$8.1 \cdot 10^{2}$	$3.4 \cdot 10^{4}$	$4.3 \cdot 10^{-1}$	1.7
			TETP	8.8	$2.1 \cdot 10^{-2}$	$5.9 \cdot 10^{-4}$	$8.3 \cdot 10^{1}$	$8.3 \cdot 10^{1}$
			HTP	$1.9 \cdot 10^{1}$	$9.8 \cdot 10^{1}$	$7.5 \cdot 10^{-1}$	$2.9 \cdot 10^{1}$	$3.0 \cdot 10^{-1}$
106.	Captafol	2425-6-1	$AETP_{fresh}$	$2.0 \cdot 10^{4}$	$5.4 \cdot 10^{5}$	$5.0 \cdot 10^{-5}$	$2.7 \cdot 10^{4}$	$8.3 \cdot 10^{4}$
			$AETP_{marine}$	$2.7 \cdot 10^{4}$	$8.0 \cdot 10^{4}$	$9.4 \cdot 10^{4}$	$4.0 \cdot 10^{3}$	$1.2 \cdot 10^{4}$
			$SETP_{fresh}$	$3.0 \cdot 10^{4}$	$7.7 \cdot 10^{5}$	$7.3 \cdot 10^{-5}$	$3.9 \cdot 10^{4}$	$1.2 \cdot 10^{5}$
			$SETP_{marine}$	$3.9 \cdot 10^{4}$	$1.2 \cdot 10^{5}$	$1.4 \cdot 10^{5}$	$5.8 \cdot 10^{3}$	$1.8 \cdot 10^{4}$
			TETP	5.9	$1.9 \cdot 10^{-7}$	$1.6 \cdot 10^{-8}$	$2.8 \cdot 10^{1}$	$2.2 \cdot 10^{1}$
			HTP	$8.7 \cdot 10^{1}$	$5.0 \cdot 10^{2}$	9.7	$9.6 \cdot 10^{2}$	$7.9 \cdot 10^{1}$
107.	Captan	133-06-2	$AETP_{fresh}$	$1.6 \cdot 10^{1}$	$2.1 \cdot 10^{3}$	$6.5 \cdot 10^{-7}$	$4.0 \cdot 10^{-1}$	4.7
			$AETP_{marine}$	$1.0 \cdot 10^{1}$	$1.0 \cdot 10^{-1}$	$4.0 \cdot 10^{1}$	$6.9 \cdot 10^{-5}$	$8.1 \cdot 10^{-4}$
			$SETP_{fresh}$	$1.4 \cdot 10^{-1}$	$1.8 \cdot 10^{1}$	$5.7 \cdot 10^{-9}$	$3.5 \cdot 10^{-3}$	$4.1 \cdot 10^{-2}$
			$SETP_{marine}$	$1.2 \cdot 10^{-1}$	$1.3 \cdot 10^{-3}$	$5.0 \cdot 10^{-1}$	$8.4 \cdot 10^{-7}$	$9.9 \cdot 10^{-6}$
			TETP	$2.4 \cdot 10^{-2}$	$6.2 \cdot 10^{-8}$	$9.4 \cdot 10^{-10}$	$4.1 \cdot 10^{-2}$	$1.2 \cdot 10^{-1}$
			HTP	$5.9 \cdot 10^{-1}$	$5.3 \cdot 10^{-3}$	$5.4 \cdot 10^{-6}$	$9.7 \cdot 10^{-2}$	$1.1 \cdot 10^{-4}$
108.	Carbaryl	63-25-2	$AETP_{fresh}$	$1.1 \cdot 10^{2}$	$4.5 \cdot 10^{3}$	$1.9 \cdot 10^{-6}$	$2.3 \cdot 10^{1}$	$1.2 \cdot 10^{2}$
			$AETP_{marine}$	$1.2 \cdot 10^{1}$	1.4	$2.4 \cdot 10^{1}$	$7.4 \cdot 10^{-3}$	$4.0 \cdot 10^{-2}$
			$SETP_{fresh}$	$3.2 \cdot 10^{1}$	$1.3 \cdot 10^{3}$	$5.5 \cdot 10^{-7}$	6.7	$3.6 \cdot 10^{1}$
			$SETP_{marine}$	1.0	$1.3 \cdot 10^{-1}$	2.1	$6.5 \cdot 10^{-4}$	$3.5 \cdot 10^{-3}$
			TETP	$6.3 \cdot 10^{-2}$	$2.6 \cdot 10^{-7}$	$1.1 \cdot 10^{-9}$	$1.1 \cdot 10^{-1}$	$1.4 \cdot 10^{-1}$
			HTP	3.2	4.7	$1.9 \cdot 10^{-3}$	$2.1 \cdot 10^{1}$	$1.5 \cdot 10^{-1}$
109.	Carbendazim	10605-21-7	$AETP_{fresh}$	$3.0 \cdot 10^{3}$	$3.8 \cdot 10^{4}$	$2.4 \cdot 10^{-8}$	$2.0 \cdot 10^{3}$	$6.1 \cdot 10^{3}$
			$AETP_{marine}$	$7.2 \cdot 10^{2}$	$5.8 \cdot 10^{2}$	$1.3 \cdot 10^{3}$	$3.0 \cdot 10^{1}$	$9.3 \cdot 10^{1}$
			$SETP_{fresh}$	$3.0 \cdot 10^{3}$	$3.9 \cdot 10^{4}$	$2.4 \cdot 10^{-8}$	$2.0 \cdot 10^{3}$	$6.2 \cdot 10^{3}$
			$SETP_{marine}$	$1.1 \cdot 10^{3}$	$8.6 \cdot 10^{2}$	$2.0 \cdot 10^{3}$	$4.5 \cdot 10^{1}$	$1.4 \cdot 10^{2}$
			TETP	$2.0 \cdot 10^{1}$	$6.3 \cdot 10^{-8}$	$1.6 \cdot 10^{-10}$	$4.9 \cdot 10^{1}$	$3.8 \cdot 10^{1}$
			HTP	$1.9 \cdot 10^{1}$	2.5	$2.0 \cdot 10^{-3}$	$1.4 \cdot 10^{2}$	$4.3 \cdot 10^{-1}$
110.	Carbofuran	1563-66-2	$AETP_{fresh}$	$9.0 \cdot 10^{2}$	$1.3 \cdot 10^{4}$	$1.8 \cdot 10^{-4}$	$5.8 \cdot 10^{2}$	$1.8 \cdot 10^{3}$
			$AETP_{marine}$	$1.5 \cdot 10^{2}$	$4.4 \cdot 10^{1}$	$3.0 \cdot 10^{2}$	2.0	6.2
			$SETP_{fresh}$	$5.2 \cdot 10^{2}$	$7.6 \cdot 10^{3}$	$1.1 \cdot 10^{-4}$	$3.4 \cdot 10^{2}$	$1.1 \cdot 10^{3}$
			$SETP_{marine}$	$1.6 \cdot 10^{2}$	$4.6 \cdot 10^{1}$	$3.1 \cdot 10^{2}$	2.1	6.6
			TETP	3.0	$3.5 \cdot 10^{-5}$	$6.1 \cdot 10^{-7}$	7.5	5.9
			HTP	$2.0 \cdot 10^{2}$	$5.6 \cdot 10^{1}$	$2.1 \cdot 10^{-1}$	$1.4 \cdot 10^{3}$	8.0
111.	Chlordane	57-74-9	$AETP_{fresh}$	$2.7 \cdot 10^{2}$	$9.0 \cdot 10^{4}$	$3.1 \cdot 10^{1}$	$9.4 \cdot 10^{1}$	$3.7 \cdot 10^{2}$
			$AETP_{marine}$	$6.1 \cdot 10^{4}$	$8.9 \cdot 10^{3}$	$4.7 \cdot 10^{5}$	$3.0 \cdot 10^{1}$	$1.2 \cdot 10^{2}$
			$SETP_{fresh}$	$2.7 \cdot 10^{1}$	$9.1 \cdot 10^{3}$	3.2	9.5	$3.8 \cdot 10^{1}$
			$SETP_{marine}$	$1.6 \cdot 10^{3}$	$2.7 \cdot 10^{2}$	$1.5 \cdot 10^{4}$	$8.4 \cdot 10^{-1}$	3.3
			TETP	2.2	$9.7 \cdot 10^{-2}$	$2.8 \cdot 10^{-1}$	$7.4 \cdot 10^{1}$	$7.3 \cdot 10^{1}$
			HTP	$6.7 \cdot 10^{3}$	$7.4 \cdot 10^{2}$	$1.2 \cdot 10^{3}$	$2.8 \cdot 10^{3}$	$2.7 \cdot 10^{1}$

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
112.	Chlorfenvinphos	470-90-6	$AETP_{fresh}$	$3.2 \cdot 10^{1}$	$1.1 \cdot 10^{3}$	$5.6 \cdot 10^{-5}$	$1.6 \cdot 10^{1}$	$5.9 \cdot 10^{1}$
			$AETP_{marine}$	$1.1 \cdot 10^{1}$	5.7	$2.8 \cdot 10^{1}$	$8.5 \cdot 10^{-2}$	$3.1 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.7 \cdot 10^{1}$	$9.4 \cdot 10^{2}$	$4.8 \cdot 10^{-5}$	$1.4 \cdot 10^{1}$	$5.0 \cdot 10^{1}$
			$SETP_{marine}$	$1.3 \cdot 10^{1}$	6.7	$3.3 \cdot 10^{1}$	$1.0 \cdot 10^{-1}$	$3.7 \cdot 10^{-1}$
			TETP	$4.9 \cdot 10^{-1}$	$4.6 \cdot 10^{-5}$	$8.6 \cdot 10^{-7}$	1.3	1.2
			HTP	$2.7 \cdot 10^{2}$	$8.1 \cdot 10^{2}$	3.8	$1.2 \cdot 10^{3}$	$4.4 \cdot 10^{1}$
113.	Chloridazon	1698-60-8	$AETP_{fresh}$	$2.6 \cdot 10^{-2}$	$3.1 \cdot 10^{1}$	$3.5 \cdot 10^{-3}$	1.8	3.9
			$AETP_{marine}$	$2.2 \cdot 10^{-1}$	1.2	8.0	$8.1 \cdot 10^{-2}$	$1.8 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.0 \cdot 10^{-2}$	$2.5 \cdot 10^{1}$	$2.7 \cdot 10^{-3}$	1.4	3.1
			$SETP_{marine}$	$2.6 \cdot 10^{-1}$	1.5	$1.0 \cdot 10^{1}$	$1.0 \cdot 10^{-1}$	$2.2 \cdot 10^{-1}$
			TETP	$4.6 \cdot 10^{-4}$	$3.8 \cdot 10^{-4}$	$6.4 \cdot 10^{-5}$	$9.0 \cdot 10^{-1}$	$6.8 \cdot 10^{-1}$
			HTP	$1.3 \cdot 10^{-2}$	$1.4 \cdot 10^{-1}$	$2.1 \cdot 10^{-3}$	2.2	$2.0 \cdot 10^{-2}$
114.	Chlorothalonil	1897-45-6	$AETP_{fresh}$	2.5	$3.7 \cdot 10^{2}$	$1.4 \cdot 10^{-1}$	1.0	3.7
			$AETP_{marine}$	$5.1 \cdot 10^{1}$	$4.0 \cdot 10^{1}$	$3.6 \cdot 10^{1}$	1.7	6.0
			$SETP_{fresh}$	1.8	$2.6 \cdot 10^{2}$	$9.5 \cdot 10^{-2}$	$7.3 \cdot 10^{-1}$	2.6
			$SETP_{marine}$	$1.5 \cdot 10^{1}$	$1.2 \cdot 10^{1}$	$2.3 \cdot 10^{1}$	$4.7 \cdot 10^{-1}$	1.7
			TETP	$7.1 \cdot 10^{-3}$	$5.5 \cdot 10^{-3}$	$3.8 \cdot 10^{-4}$	$6.8 \cdot 10^{-1}$	$6.1 \cdot 10^{-1}$
			HTP	8.4	6.7	$4.5 \cdot 10^{-1}$	$9.4 \cdot 10^{-1}$	1.0
115.	Chlorpropham	101-21-3	$AETP_{fresh}$	2.3	$8.3 \cdot 10^{1}$	$2.8 \cdot 10^{-5}$	1.8	6.4
			$AETP_{marine}$	$6.4 \cdot 10^{-1}$	$3.5 \cdot 10^{-1}$	2.0	$8.4 \cdot 10^{-3}$	$3.0 \cdot 10^{-2}$
			$SETP_{fresh}$	2.0	$7.1 \cdot 10^{1}$	$2.4 \cdot 10^{-5}$	1.6	5.5
			$SETP_{marine}$	$8.1 \cdot 10^{-1}$	$4.5 \cdot 10^{-1}$	2.5	$1.1 \cdot 10^{-2}$	$3.8 \cdot 10^{-2}$
			TETP	$3.7 \cdot 10^{-2}$	$2.5 \cdot 10^{-5}$	$4.5 \cdot 10^{-7}$	$1.3 \cdot 10^{-1}$	$1.2 \cdot 10^{-1}$
			HTP	$3.4 \cdot 10^{-1}$	1.0	$4.3 \cdot 10^{-3}$	2.1	$8.1 \cdot 10^{-2}$
116.	Chlorpyriphos	2921-88-2	$AETP_{fresh}$	$5.2 \cdot 10^{2}$	$6.4 \cdot 10^{5}$	$2.3 \cdot 10^{-1}$	$3.6 \cdot 10^{2}$	$1.4 \cdot 10^{3}$
			$AETP_{marine}$	$6.2 \cdot 10^{1}$	$2.4 \cdot 10^{2}$	$2.2 \cdot 10^{3}$	$1.4 \cdot 10^{-1}$	$5.8 \cdot 10^{-1}$
			$SETP_{fresh}$	$3.3 \cdot 10^{2}$	$4.1 \cdot 10^{5}$	$1.5 \cdot 10^{-1}$	$2.3 \cdot 10^{2}$	$9.3 \cdot 10^{2}$
			$SETP_{marine}$	6.0	$2.4 \cdot 10^{1}$	$2.2 \cdot 10^{2}$	$1.4 \cdot 10^{-2}$	$5.8 \cdot 10^{-2}$
			TETP	$1.3 \cdot 10^{-1}$	$2.1 \cdot 10^{-2}$	$5.7 \cdot 10^{-5}$	$1.7 \cdot 10^{1}$	$1.7 \cdot 10^{1}$
			HTP	$2.1 \cdot 10^{1}$	$4.4 \cdot 10^{1}$	$3.8 \cdot 10^{-2}$	$1.4 \cdot 10^{1}$	$1.4 \cdot 10^{-1}$
117.	Coumaphos	56-72-4	$AETP_{fresh}$	$2.4 \cdot 10^{5}$	$2.0 \cdot 10^{7}$	$1.1 \cdot 10^{2}$	$1.0 \cdot 10^{6}$	$3.1 \cdot 10^{6}$
			$AETP_{marine}$	$3.4 \cdot 10^{5}$	$3.0 \cdot 10^{6}$	$3.6 \cdot 10^{6}$	$1.5 \cdot 10^{5}$	$4.6 \cdot 10^{5}$
			$SETP_{fresh}$	$3.5 \cdot 10^{5}$	$2.9 \cdot 10^{7}$	$1.5 \cdot 10^{2}$	$1.5 \cdot 10^{6}$	$4.4 \cdot 10^{6}$
			$SETP_{marine}$	$4.8 \cdot 10^{5}$	$4.4 \cdot 10^{6}$	$5.2 \cdot 10^{6}$	$2.2 \cdot 10^{5}$	$6.7 \cdot 10^{5}$
			TETP	$1.0 \cdot 10^{3}$	6.0	$5.0 \cdot 10^{-1}$	$1.6 \cdot 10^{4}$	$1.2 \cdot 10^{4}$
			HTP	$7.8 \cdot 10^{2}$	$1.0 \cdot 10^{4}$	$2.2 \cdot 10^{2}$	$1.1 \cdot 10^{4}$	$1.6 \cdot 10^{3}$
118.	Cyanazine	21725-46-2	$AETP_{fresh}$	$1.9 \cdot 10^{3}$	$5.4 \cdot 10^{4}$	$2.5 \cdot 10^{-6}$	$8.1 \cdot 10^{2}$	$3.0 \cdot 10^{3}$
			$AETP_{marine}$	$6.3 \cdot 10^{2}$	$1.9 \cdot 10^{2}$	$1.3 \cdot 10^{3}$	2.8	$1.0 \cdot 10^{1}$
			$SETP_{fresh}$	$1.5 \cdot 10^{3}$	$4.3 \cdot 10^{4}$	$1.9 \cdot 10^{-6}$	$6.3 \cdot 10^{2}$	$2.3 \cdot 10^{3}$
			$SETP_{marine}$	$8.1 \cdot 10^{2}$	$2.5 \cdot 10^{2}$	$1.6 \cdot 10^{3}$	3.7	$1.4 \cdot 10^{1}$
			TETP	$3.1 \cdot 10^{1}$	$2.2 \cdot 10^{-6}$	$4.0 \cdot 10^{-8}$	$6.9 \cdot 10^{1}$	$6.3 \cdot 10^{1}$
			HTP	3.5	6.0	$9.6 \cdot 10^{-3}$	$2.4 \cdot 10^{1}$	$3.5 \cdot 10^{-1}$
119.	Cypermethrin	52315-7-8	$AETP_{fresh}$	$8.4 \cdot 10^{4}$	$7.9 \cdot 10^{6}$	2.4	$2.0 \cdot 10^{5}$	$6.9 \cdot 10^{5}$
			$AETP_{marine}$	$1.9 \cdot 10^{4}$	$1.0 \cdot 10^{4}$	$1.6 \cdot 10^{5}$	$3.0 \cdot 10^{2}$	$1.0 \cdot 10^{3}$
			$SETP_{fresh}$	$1.5 \cdot 10^{5}$	$1.4 \cdot 10^{7}$	4.3	$3.6 \cdot 10^{5}$	$1.3 \cdot 10^{6}$
			$SETP_{marine}$	$4.9 \cdot 10^{4}$	$2.7 \cdot 10^{4}$	$4.5 \cdot 10^{5}$	$8.0 \cdot 10^{2}$	$2.8 \cdot 10^{3}$
			TETP	$8.9 \cdot 10^{3}$	$1.6 \cdot 10^{1}$	$2.5 \cdot 10^{-1}$	$9.0 \cdot 10^{4}$	$7.8 \cdot 10^{4}$
			HTP	$1.7 \cdot 10^{2}$	5.5	$2.6 \cdot 10^{-2}$	$5.2 \cdot 10^{3}$	1.8

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
120.	Cyromazine	66215-27-8	$AETP_{fresh}$	$3.5 \cdot 10^{3}$	$2.6 \cdot 10^{4}$	$8.1 \cdot 10^{-7}$	$6.5 \cdot 10^{3}$	$6.5 \cdot 10^{3}$
			$AETP_{marine}$	$9.2 \cdot 10^{2}$	$1.0 \cdot 10^{3}$	$1.6 \cdot 10^{3}$	$2.5 \cdot 10^{2}$	$2.5 \cdot 10^{2}$
			$SETP_{fresh}$	$2.8 \cdot 10^{3}$	$2.1 \cdot 10^{4}$	$6.5 \cdot 10^{-7}$	$5.2 \cdot 10^{3}$	$5.2 \cdot 10^{3}$
			$SETP_{marine}$	$1.3 \cdot 10^{3}$	$1.4 \cdot 10^{3}$	$2.2 \cdot 10^{3}$	$3.5 \cdot 10^{2}$	$3.5 \cdot 10^{2}$
			TETP	$3.1 \cdot 10^{2}$	$1.9 \cdot 10^{-6}$	$7.3 \cdot 10^{-8}$	$6.3 \cdot 10^{2}$	$6.3 \cdot 10^{2}$
			HTP	$3.8 \cdot 10^{1}$	5.4	$2.6 \cdot 10^{-3}$	$2.8 \cdot 10^{2}$	1.3
121.	2,4-D	94-75-7	$AETP_{fresh}$	$3.9 \cdot 10^{1}$	$4.0 \cdot 10^{2}$	$1.1 \cdot 10^{-10}$	$2.9 \cdot 10^{1}$	$8.2 \cdot 10^{1}$
			$AETP_{marine}$	5.3	2.3	$1.0 \cdot 10^{1}$	$1.7 \cdot 10^{-1}$	$4.6 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.9 \cdot 10^{1}$	$3.0 \cdot 10^{2}$	$8.5 \cdot 10^{-11}$	$2.2 \cdot 10^{1}$	$6.1 \cdot 10^{1}$
			$SETP_{marine}$	7.3	3.1	$1.4 \cdot 10^{1}$	$2.3 \cdot 10^{-1}$	$6.4 \cdot 10^{-1}$
			TETP	$6.0 \cdot 10^{-1}$	$9.3 \cdot 10^{-10}$	$1.8 \cdot 10^{-12}$	1.6	1.1
			HTP	6.6	3.5	$6.7 \cdot 10^{-5}$	$4.7 \cdot 10^{1}$	$7.2 \cdot 10^{-1}$
122.	DDT	50-29-3	$AETP_{fresh}$	$3.2 \cdot 10^{2}$	$2.9 \cdot 10^{4}$	$1.5 \cdot 10^{1}$	$8.7 \cdot 10^{1}$	$3.4 \cdot 10^{2}$
			$AETP_{marine}$	$8.6 \cdot 10^{4}$	$4.4 \cdot 10^{3}$	$1.9 \cdot 10^{5}$	$4.3 \cdot 10^{1}$	$1.7 \cdot 10^{2}$
			$SETP_{fresh}$	$3.5 \cdot 10^{2}$	$3.1 \cdot 10^{4}$	$1.6 \cdot 10^{1}$	$9.4 \cdot 10^{1}$	$3.7 \cdot 10^{2}$
			$SETP_{marine}$	$2.5 \cdot 10^{4}$	$1.6 \cdot 10^{3}$	$7.1 \cdot 10^{4}$	$1.4 \cdot 10^{1}$	$5.3 \cdot 10^{1}$
			TETP	$1.9 \cdot 10^{1}$	$3.1 \cdot 10^{-1}$	$9.6 \cdot 10^{-1}$	$6.0 \cdot 10^{1}$	$5.9 \cdot 10^{1}$
			HTP	$1.1 \cdot 10^{2}$	$3.7 \cdot 10^{1}$	$3.4 \cdot 10^{1}$	$2.7 \cdot 10^{2}$	1.8
123.	Deltamethrin	52918-63-5	$AETP_{fresh}$	$1.8 \cdot 10^{3}$	$6.5 \cdot 10^{5}$	3.2	$2.4 \cdot 10^{1}$	$9.6 \cdot 10^{1}$
			$AETP_{marine}$	$3.5 \cdot 10^{3}$	$9.8 \cdot 10^{2}$	$3.6 \cdot 10^{4}$	$6.0 \cdot 10^{-2}$	$2.4 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.7 \cdot 10^{3}$	$9.8 \cdot 10^{5}$	4.8	$3.6 \cdot 10^{1}$	$1.5 \cdot 10^{2}$
			$SETP_{marine}$	$6.8 \cdot 10^{3}$	$2.0 \cdot 10^{3}$	$7.2 \cdot 10^{4}$	$1.2 \cdot 10^{-1}$	$4.7 \cdot 10^{-1}$
			TETP	$7.6 \cdot 10^{-1}$	$3.2 \cdot 10^{-2}$	$1.4 \cdot 10^{-3}$	8.5	8.5
			HTP	1.6	2.8	$3.3 \cdot 10^{-2}$	$1.6 \cdot 10^{-1}$	$3.0 \cdot 10^{-2}$
124.	Demeton	8065-48-3	$AETP_{fresh}$	$2.3 \cdot 10^{1}$	$2.2 \cdot 10^{4}$	$1.7 \cdot 10^{-2}$	$8.0 \cdot 10^{2}$	$2.6 \cdot 10^{3}$
			$AETP_{marine}$	9.1	$9.6 \cdot 10^{1}$	$5.5 \cdot 10^{2}$	3.5	$1.1 \cdot 10^{1}$
			$SETP_{fresh}$	$1.6 \cdot 10^{1}$	$1.6 \cdot 10^{4}$	$1.2 \cdot 10^{-2}$	$5.7 \cdot 10^{2}$	$1.8 \cdot 10^{3}$
			$SETP_{marine}$	$1.1 \cdot 10^{1}$	$1.2 \cdot 10^{2}$	$7.0 \cdot 10^{2}$	4.5	$1.5 \cdot 10^{1}$
			TETP	$3.0 \cdot 10^{-1}$	$1.2 \cdot 10^{-2}$	$2.3 \cdot 10^{-4}$	$6.0 \cdot 10^{1}$	$4.9 \cdot 10^{1}$
			HTP	$7.1 \cdot 10^{1}$	$7.2 \cdot 10^{2}$	$3.0 \cdot 10^{-1}$	$5.7 \cdot 10^{3}$	$8.9 \cdot 10^{1}$
125.	Desmetryn	1014-69-3	$AETP_{fresh}$	6.8	$1.9 \cdot 10^{2}$	$4.1 \cdot 10^{-6}$	3.0	$1.1 \cdot 10^{1}$
			$AETP_{marine}$	2.6	1.5	5.4	$2.4 \cdot 10^{-2}$	$8.8 \cdot 10^{-2}$
			$SETP_{fresh}$	4.1	$1.2 \cdot 10^{2}$	$2.4 \cdot 10^{-6}$	1.8	6.6
			$SETP_{marine}$	2.6	1.6	5.5	$2.4 \cdot 10^{-2}$	$8.8 \cdot 10^{-2}$
			TETP	1.2	$3.6 \cdot 10^{-5}$	$7.5 \cdot 10^{-7}$	2.9	2.6
			HTP	$9.5 \cdot 10^{1}$	$5.0 \cdot 10^{1}$	$1.2 \cdot 10^{-1}$	$6.5 \cdot 10^{2}$	2.9
126.	Diazinon	333-41-5	$AETP_{fresh}$	$2.3 \cdot 10^{2}$	$1.1 \cdot 10^{5}$	$6.4 \cdot 10^{-2}$	$1.3 \cdot 10^{3}$	$4.6 \cdot 10^{3}$
			$AETP_{marine}$	$1.2 \cdot 10^{2}$	$6.4 \cdot 10^{2}$	$2.8 \cdot 10^{3}$	7.8	$2.7 \cdot 10^{1}$
			$SETP_{fresh}$	$1.6 \cdot 10^{2}$	$7.7 \cdot 10^{4}$	$4.6 \cdot 10^{-2}$	$9.3 \cdot 10^{2}$	$3.3 \cdot 10^{3}$
			$SETP_{marine}$	$1.1 \cdot 10^{2}$	$6.1 \cdot 10^{2}$	$2.7 \cdot 10^{3}$	7.5	$2.6 \cdot 10^{1}$
			TETP	$2.9 \cdot 10^{-1}$	$4.1 \cdot 10^{-3}$	$8.2 \cdot 10^{-5}$	$1.2 \cdot 10^{1}$	$1.0 \cdot 10^{1}$
			HTP	$5.9 \cdot 10^{1}$	$6.6 \cdot 10^{1}$	$2.7 \cdot 10^{-1}$	$1.2 \cdot 10^{2}$	3.2
127.	Dichlorprop	7547-66-2	$AETP_{fresh}$	$9.9 \cdot 10^{-2}$	5.3	$1.6 \cdot 10^{-12}$	$1.3 \cdot 10^{-2}$	$5.1 \cdot 10^{-2}$
			$AETP_{marine}$	$6.2 \cdot 10^{-2}$	$1.5 \cdot 10^{-2}$	$1.2 \cdot 10^{-1}$	$3.6 \cdot 10^{-5}$	$1.4 \cdot 10^{-4}$
			$SETP_{fresh}$	$5.3 \cdot 10^{-2}$	2.8	$8.3 \cdot 10^{-13}$	$6.9 \cdot 10^{-3}$	$2.7 \cdot 10^{-2}$
			$SETP_{marine}$	$3.2 \cdot 10^{-2}$	$7.7 \cdot 10^{-3}$	$6.4 \cdot 10^{-2}$	$1.9 \cdot 10^{-5}$	$7.4 \cdot 10^{-5}$
			TETP	$6.8 \cdot 10^{-4}$	$6.11 \cdot 0^{-12}$	$1.1 \cdot 10^{-14}$	$1.4 \cdot 10^{-3}$	$1.4 \cdot 10^{-3}$
			HTP	1.1	$2.4 \cdot 10^{1}$	$9.7 \cdot 10^{-2}$	4.5	$2.6 \cdot 10^{-1}$

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
128.	Dichlorvos	62-73-7	$AETP_{fresh}$	$5.1 \cdot 10^{2}$	$1.2 \cdot 10^{5}$	$1.1 \cdot 10^{-2}$	$7.4 \cdot 10^{1}$	$3.0 \cdot 10^{2}$
			$AETP_{marine}$	$4.1 \cdot 10^{2}$	$1.2 \cdot 10^{1}$	$2.4 \cdot 10^{3}$	$4.1 \cdot 10^{-2}$	$1.6 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.3 \cdot 10^{1}$	$5.5 \cdot 10^{3}$	$5.1 \cdot 10^{-4}$	3.3	$1.3 \cdot 10^{1}$
			$SETP_{marine}$	$2.7 \cdot 10^{1}$	$9.1 \cdot 10^{-1}$	$1.8 \cdot 10^{2}$	$2.7 \cdot 10^{-3}$	$1.1 \cdot 10^{-2}$
			TETP	9.8	$1.4 \cdot 10^{-2}$	$2.2 \cdot 10^{-4}$	$2.0 \cdot 10^{2}$	$2.0 \cdot 10^{2}$
			HTP	$1.0 \cdot 10^{2}$	$3.4 \cdot \cdot 10^{-1}$	$2.3 \cdot 10^{-3}$	$9.7 \cdot 10^{-1}$	$3.6 \cdot 10^{-2}$
129.	Dieldrin	60-57-1	$AETP_{fresh}$	$2.0 \cdot 10^{2}$	$7.9 \cdot 10^{4}$	$1.6 \cdot 10^{1}$	$6.0 \cdot 10^{2}$	$2.3 \cdot 10^{3}$
			$AETP_{marine}$	$5.2 \cdot 10^{3}$	$9.0 \cdot 10^{3}$	$5.9 \cdot 10^{4}$	$8.1 \cdot 10^{1}$	$3.1 \cdot 10^{2}$
			$SETP_{fresh}$	$2.0 \cdot 10^{1}$	$8.2 \cdot 10^{3}$	1.7	$6.3 \cdot 10^{1}$	$2.4 \cdot 10^{2}$
			$SETP_{marine}$	$1.7 \cdot 10^{2}$	$3.2 \cdot 10^{2}$	$2.1 \cdot 10^{3}$	2.8	$1.1 \cdot 10^{1}$
			TETP	1.1	$2.6 \cdot 10^{-1}$	$1.0 \cdot 10^{-1}$	$1.1 \cdot 10^{2}$	$1.0 \cdot 10^{2}$
			HTP	$1.3 \cdot 10^{4}$	$4.5 \cdot 10^{4}$	$5.5 \cdot 10^{3}$	$7.6 \cdot 10^{3}$	$1.5 \cdot 10^{3}$
130.	Dimethoate	60-51-5	$AETP_{fresh}$	$1.3 \cdot 10^{1}$	$1.7 \cdot 10^{2}$	$7.4 \cdot 10^{-6}$	8.9	$2.8 \cdot 10^{1}$
			$AETP_{marine}$	1.6	$7.5 \cdot 10^{-1}$	3.4	$3.9 \cdot 10^{-2}$	$1.2 \cdot 10^{-1}$
			$SETP_{fresh}$	9.3	$1.3 \cdot 10^{2}$	$5.5 \cdot 10^{-6}$	6.6	$2.0 \cdot 10^{1}$
			$SETP_{marine}$	2.0	$9.1 \cdot 10^{-1}$	4.1	$4.8 \cdot 10^{-2}$	$1.5 \cdot 10^{-1}$
			TETP	$3.0 \cdot 10^{-1}$	$1.2 \cdot 10^{-5}$	$1.8 \cdot 10^{-7}$	$8.0 \cdot 10^{-1}$	$6.2 \cdot 10^{-1}$
			HTP	$4.4 \cdot 10^{1}$	$1.8 \cdot 10^{1}$	$3.3 \cdot 10^{-3}$	$3.2 \cdot 10^{2}$	3.0
131.	Dinoseb	88-85-7	$AETP_{fresh}$	$1.0 \cdot 10^{4}$	$3.2 \cdot 10^{5}$	$1.1 \cdot 10^{-1}$	$2.0 \cdot 10^{4}$	$5.8 \cdot 10^{4}$
			$AETP_{marine}$	$4.6 \cdot 10^{3}$	$5.9 \cdot 10^{3}$	$1.3 \cdot 10^{4}$	$3.9 \cdot 10^{2}$	$1.1 \cdot 10^{3}$
			$SETP_{fresh}$	$2.9 \cdot 10^{3}$	$8.8 \cdot 10^{4}$	$2.9 \cdot 10^{-2}$	$5.6 \cdot 10^{3}$	$1.6 \cdot 10^{4}$
			$SETP_{marine}$	$1.5 \cdot 10^{3}$	$2.2 \cdot 10^{3}$	$5.0 \cdot 10^{3}$	$1.5 \cdot 10^{2}$	$4.3 \cdot 10^{2}$
			TETP	$9.7 \cdot 10^{1}$	$3.4 \cdot 10^{-1}$	$1.0 \cdot 10^{-3}$	$5.9 \cdot 10^{2}$	$4.2 \cdot 10^{2}$
			HTP	$3.6 \cdot 10^{3}$	$1.6 \cdot 10^{2}$	$6.3 \cdot 10^{-1}$	$5.6 \cdot 10^{2}$	$9.7 \cdot 10^{1}$
132.	Dinoterb	1420-7-1	$AETP_{fresh}$	$2.9 \cdot 10^{3}$	$2.3 \cdot 10^{5}$	$4.2 \cdot 10^{-2}$	$3.3 \cdot 10^{2}$	$1.3 \cdot 10^{3}$
			$AETP_{marine}$	$7.3 \cdot 10^{3}$	$5.4 \cdot 10^{3}$	$1.2 \cdot 10^{4}$	8.7	$3.6 \cdot 10^{1}$
			$SETP_{fresh}$	$1.3 \cdot 10^{3}$	$1.0 \cdot 10^{5}$	$1.9 \cdot 10^{-2}$	$1.5 \cdot 10^{2}$	$5.9 \cdot 10^{2}$
			$SETP_{marine}$	$2.1 \cdot 10^{3}$	$2.0 \cdot 10^{3}$	$4.5 \cdot 10^{3}$	3.1	$1.3 \cdot 10^{1}$
			TETP	3.4	$1.3 \cdot 10^{-2}$	$5.1 \cdot 10^{-5}$	9.9	9.9
			HTP	$1.7 \cdot 10^{2}$	2.5	$2.9 \cdot 10^{-3}$	$3.6 \cdot 10^{-1}$	$1.2 \cdot 10^{-1}$
133.	Disulfothon	298-4-4	$AETP_{fresh}$	$2.7 \cdot 10^{1}$	$6.4 \cdot 10^{4}$	$1.3 \cdot 10^{-2}$	$7.2 \cdot 10^{1}$	$2.9 \cdot 10^{2}$
			$AETP_{marine}$	$2.0 \cdot 10^{1}$	$1.2 \cdot 10^{2}$	$1.5 \cdot 10^{3}$	$1.4 \cdot 10^{-1}$	$5.6 \cdot 10^{-1}$
			$SETP_{fresh}$	9.2	$2.2 \cdot 10^{4}$	$4.6 \cdot 10^{-3}$	$2.5 \cdot 10^{1}$	$9.9 \cdot 10^{1}$
			$SETP_{marine}$	5.7	$3.5 \cdot 10^{1}$	$4.2 \cdot 10^{2}$	$4.0 \cdot 10^{-2}$	$1.6 \cdot 10^{-1}$
			TETP	$4.3 \cdot 10^{-2}$	$1.2 \cdot 10^{-3}$	$2.1 \cdot 10^{-5}$	$1.1 \cdot 10^{1}$	$1.1 \cdot 10^{1}$
			HTP	$2.9 \cdot 10^{2}$	$3.4 \cdot 10^{2}$	1.5	$1.7 \cdot 10^{2}$	2.0
134.	Diuron	330-54-1	$AETP_{fresh}$	$5.3 \cdot 10^{2}$	$9.4 \cdot 10^{3}$	$1.9 \cdot 10^{-3}$	$3.5 \cdot 10^{2}$	$1.1 \cdot 10^{3}$
			$AETP_{marine}$	$1.1 \cdot 10^{2}$	$5.5 \cdot 10^{1}$	$2.4 \cdot 10^{2}$	2.1	6.8
			$SETP_{fresh}$	$5.0 \cdot 10^{2}$	$8.9 \cdot 10^{3}$	$1.8 \cdot 10^{-3}$	$3.3 \cdot 10^{2}$	$1.1 \cdot 10^{3}$
			$SETP_{marine}$	$1.6 \cdot 10^{2}$	$7.8 \cdot 10^{1}$	$3.4 \cdot 10^{2}$	3.0	9.8
			TETP	8.7	$1.7 \cdot 10^{-3}$	$3.2 \cdot 10^{-5}$	$2.3 \cdot 10^{1}$	$1.9 \cdot 10^{1}$
			HTP	$2.1 \cdot 10^{2}$	$5.3 \cdot 10^{1}$	$1.9 \cdot 10^{-1}$	$1.3 \cdot 10^{3}$	7.2
135.	DNOC	534-51-1	$AETP_{fresh}$	3.4	$1.1 \cdot 10^{2}$	$2.1 \cdot 10^{-8}$	1.2	4.5
			$AETP_{marine}$	1.3	$3.4 \cdot 10^{-1}$	2.6	$3.6 \cdot 10^{-3}$	$1.4 \cdot 10^{-2}$
			$SETP_{fresh}$	$5.7 \cdot 10^{-1}$	$1.9 \cdot 10^{1}$	$3.6 \cdot 10^{-9}$	$2.0 \cdot 10^{-1}$	$7.5 \cdot 10^{-1}$
			$SETP_{marine}$	$3.0 \cdot 10^{-1}$	$8.0 \cdot 10^{-2}$	$6.1 \cdot 10^{-1}$	$8.5 \cdot 10^{-4}$	$3.3 \cdot 10^{-3}$
			TETP	$2.4 \cdot 10^{-1}$	$8.5 \cdot 10^{-7}$	$1.5 \cdot 10^{-9}$	$5.2 \cdot 10^{-1}$	$4.9 \cdot 10^{-1}$
			HTP	$1.6 \cdot 10^{2}$	$5.9 \cdot 10^{1}$	$1.5 \cdot 10^{-3}$	$2.8 \cdot 10^{2}$	2.8

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
136.	Endosulfan	115-29-7	$AETP_{fresh}$	$4.5 \cdot 10^{1}$	$2.8 \cdot 10^{4}$	$2.1 \cdot 10^{-2}$	2.2	9.0
			$AETP_{marine}$	$1.9 \cdot 10^{1}$	$1.1 \cdot 10^{1}$	$3.2 \cdot 10^{2}$	$1.4 \cdot 10^{-3}$	$5.5 \cdot 10^{-3}$
			$SETP_{fresh}$	9.8	$6.0 \cdot 10^{3}$	$4.5 \cdot 10^{-3}$	$4.8 \cdot 10^{-1}$	1.9
			$SETP_{marine}$	1.2	$7.7 \cdot 10^{-1}$	$2.2 \cdot 10^{1}$	$9.0 \cdot 10^{-5}$	$3.6 \cdot 10^{-4}$
			TETP	$3.6 \cdot 10^{-2}$	$1.8 \cdot 10^{-3}$	$1.6 \cdot 10^{-5}$	2.7	2.8
			HTP	6.7	$1.7 \cdot 10^{1}$	$4.2 \cdot 10^{-2}$	$2.6 \cdot 10^{-1}$	$1.6 \cdot 10^{-2}$
137.	Endrin	72-20-8	$AETP_{fresh}$	$1.1 \cdot 10^{3}$	$7.0 \cdot 10^{5}$	6.1	$2.1 \cdot 10^{4}$	$7.1 \cdot 10^{4}$
			$AETP_{marine}$	$4.9 \cdot 10^{4}$	$3.4 \cdot 10^{5}$	$2.7 \cdot 10^{6}$	$1.0 \cdot 10^{4}$	$3.5 \cdot 10^{4}$
			$SETP_{fresh}$	$3.4 \cdot 10^{2}$	$2.1 \cdot 10^{5}$	1.9	$6.4 \cdot 10^{3}$	$2.2 \cdot 10^{4}$
			$SETP_{marine}$	$3.5 \cdot 10^{3}$	$2.5 \cdot 10^{4}$	$2.0 \cdot 10^{5}$	$7.5 \cdot 10^{2}$	$2.5 \cdot 10^{3}$
			TETP	$4.9 \cdot 10^{1}$	$3.5 \cdot 10^{-1}$	$3.8 \cdot 10^{-1}$	$4.2 \cdot 10^{3}$	$3.6 \cdot 10^{3}$
			HTP	$1.2 \cdot 10^{3}$	$6.0 \cdot 10^{3}$	$1.6 \cdot 10^{3}$	$8.4 \cdot 10^{3}$	$7.5 \cdot 10^{2}$
138.	Ethoprophos	13194-48-4	$AETP_{fresh}$	$2.4 \cdot 10^{3}$	$1.5 \cdot 10^{5}$	1.0	$1.1 \cdot 10^{4}$	$3.0 \cdot 10^{4}$
			$AETP_{marine}$	$7.1 \cdot 10^{2}$	$3.5 \cdot 10^{3}$	$6.6 \cdot 10^{3}$	$2.6 \cdot 10^{2}$	$7.2 \cdot 10^{2}$
			$SETP_{fresh}$	$1.9 \cdot 10^{3}$	$1.2 \cdot 10^{5}$	$7.9 \cdot 10^{-1}$	$8.8 \cdot 10^{3}$	$2.4 \cdot 10^{4}$
			$SETP_{marine}$	$9.3 \cdot 10^{2}$	$4.8 \cdot 10^{3}$	$8.9 \cdot 10^{3}$	$3.6 \cdot 10^{2}$	$9.7 \cdot 10^{2}$
			TETP	$1.7 \cdot 10^{1}$	$2.4 \cdot 10^{-1}$	$7.2 \cdot 10^{-3}$	$2.7 \cdot 10^{2}$	$1.9 \cdot 10^{2}$
			HTP	$1.1 \cdot 10^{3}$	$1.8 \cdot 10^{3}$	$1.3 \cdot 10^{1}$	$5.7 \cdot 10^{3}$	$3.8 \cdot 10^{2}$
139.	Fenitrothion	122-14-5	$AETP_{fresh}$	$2.5 \cdot 10^{3}$	$2.4 \cdot 10^{5}$	$9.9 \cdot 10^{-3}$	$7.6 \cdot 10^{2}$	$3.0 \cdot 10^{3}$
			$AETP_{marine}$	$1.5 \cdot 10^{3}$	$6.7 \cdot 10^{2}$	$5.6 \cdot 10^{3}$	2.3	8.9
			$SETP_{fresh}$	$1.4 \cdot 10^{3}$	$1.4 \cdot 10^{5}$	$5.5 \cdot 10^{-3}$	$4.2 \cdot 10^{2}$	$1.7 \cdot 10^{3}$
			$SETP_{marine}$	$7.5 \cdot 10^{2}$	$3.4 \cdot 10^{2}$	$2.9 \cdot 10^{3}$	1.1	4.5
			TETP	$2.1 \cdot 10^{1}$	$4.7 \cdot 10^{-3}$	$8.4 \cdot 10^{-5}$	$8.3 \cdot 10^{1}$	$8.1 \cdot 10^{1}$
			HTP	5.9	$2.2 \cdot 10^{1}$	$9.0 \cdot 10^{-2}$	$1.2 \cdot 10^{1}$	$3.2 \cdot 10^{-1}$
140.	Fentin acetate	900-95-8	$AETP_{fresh}$	$4.3 \cdot 10^{3}$	$2.7 \cdot 10^{5}$	$8.7 \cdot 10^{-2}$	$3.8 \cdot 10^{2}$	$1.5 \cdot 10^{3}$
			$AETP_{marine}$	$2.1 \cdot 10^{4}$	$3.2 \cdot 10^{3}$	$4.0 \cdot 10^{4}$	6.8	$2.7 \cdot 10^{1}$
			$SETP_{fresh}$	$6.9 \cdot 10^{3}$	$4.3 \cdot 10^{5}$	$1.4 \cdot 10^{-1}$	$6.2 \cdot 10^{2}$	$2.5 \cdot 10^{3}$
			$SETP_{marine}$	$5.3 \cdot 10^{4}$	$8.7 \cdot 10^{3}$	$1.1 \cdot 10^{5}$	$1.8 \cdot 10^{1}$	$7.2 \cdot 10^{1}$
			TETP	5.3	$6.1 \cdot 10^{-3}$	$1.1 \cdot 10^{-4}$	$1.2 \cdot 10^{1}$	$1.1 \cdot 10^{1}$
			HTP	$2.2 \cdot 10^{3}$	$8.8 \cdot 10^{2}$	4.1	$7.2 \cdot 10^{1}$	9.2
141.	Fentin chloride	639-58-7	$AETP_{fresh}$	$1.8 \cdot 10^{3}$	$1.7 \cdot 10^{5}$	$1.8 \cdot 10^{1}$	$2.5 \cdot 10^{2}$	$9.9 \cdot 10^{2}$
			$AETP_{marine}$	$4.7 \cdot 10^{4}$	$1.9 \cdot 10^{4}$	$4.0 \cdot 10^{4}$	$9.5 \cdot 10^{1}$	$3.7 \cdot 10^{2}$
			$SETP_{fresh}$	$3.0 \cdot 10^{3}$	$2.8 \cdot 10^{5}$	$2.9 \cdot 10^{1}$	$4.1 \cdot 10^{2}$	$1.6 \cdot 10^{3}$
			$SETP_{marine}$	$5.7 \cdot 10^{4}$	$2.6 \cdot 10^{4}$	$1.1 \cdot 10^{5}$	$1.2 \cdot 10^{2}$	$4.7 \cdot 10^{2}$
			TETP	$2.6 \cdot 10^{-1}$	$9.2 \cdot 10^{-2}$	$2.5 \cdot 10^{-3}$	$1.2 \cdot 10^{1}$	$1.1 \cdot 10^{1}$
			HTP	$8.4 \cdot 10^{2}$	$8.6 \cdot 10^{2}$	$1.2 \cdot 10^{1}$	$1.3 \cdot 10^{2}$	$1.3 \cdot 10^{1}$
142.	Fentin hydroxide	76-87-9	$AETP_{fresh}$	$4.2 \cdot 10^{3}$	$2.7 \cdot 10^{5}$	$2.9 \cdot 10^{-2}$	$3.8 \cdot 10^{2}$	$1.5 \cdot 10^{3}$
			$AETP_{marine}$	$2.0 \cdot 10^{4}$	$3.1 \cdot 10^{3}$	$4.0 \cdot 10^{4}$	6.1	$2.4 \cdot 10^{1}$
			$SETP_{fresh}$	$6.8 \cdot 10^{3}$	$4.3 \cdot 10^{5}$	$4.7 \cdot 10^{-2}$	$6.2 \cdot 10^{2}$	$2.5 \cdot 10^{3}$
			$SETP_{marine}$	$5.1 \cdot 10^{4}$	$8.6 \cdot 10^{3}$	$1.1 \cdot 10^{5}$	$1.6 \cdot 10^{1}$	$6.5 \cdot 10^{1}$
			TETP	5.5	$2.1 \cdot 10^{-3}$	$3.8 \cdot 10^{-5}$	$1.2 \cdot 10^{1}$	$1.1 \cdot 10^{1}$
			HTP	$8.5 \cdot 10^{2}$	$8.7 \cdot 10^{2}$	4.1	$8.8 \cdot 10^{1}$	8.5
143.	Fenthion	55-38-9	$AETP_{fresh}$	$2.5 \cdot 10^{3}$	$9.1 \cdot 10^{5}$	$2.6 \cdot 10^{-1}$	$3.5 \cdot 10^{3}$	$1.4 \cdot 10^{4}$
			$AETP_{marine}$	$1.6 \cdot 10^{3}$	$3.6 \cdot 10^{3}$	$2.3 \cdot 10^{4}$	$1.5 \cdot 10^{1}$	$5.7 \cdot 10^{1}$
			$SETP_{fresh}$	$1.8 \cdot 10^{3}$	$6.6 \cdot 10^{5}$	$1.9 \cdot 10^{-1}$	$2.5 \cdot 10^{3}$	$9.9 \cdot 10^{3}$
			$SETP_{marine}$	$1.1 \cdot 10^{3}$	$2.5 \cdot 10^{3}$	$1.5 \cdot 10^{4}$	9.9	$3.9 \cdot 10^{1}$
			TETP	$1.6 \cdot 10^{1}$	$8.8 \cdot 10^{-2}$	$1.7 \cdot 10^{-3}$	$2.9 \cdot 10^{2}$	$2.8 \cdot 10^{2}$
			HTP	$6.3 \cdot 10^{1}$	$9.3 \cdot 10^{1}$	$4.6 \cdot 10^{-1}$	$3.0 \cdot 10^{1}$	1.5

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
144.	Folpet	133-7-3	$AETP_{fresh}$	$4.1 \cdot 10^{2}$	$8.2 \cdot 10^{4}$	$1.6 \cdot 10^{1}$	$4.5 \cdot 10^{3}$	$1.3 \cdot 10^{4}$
			$AETP_{marine}$	$2.3 \cdot 10^{3}$	$1.2 \cdot 10^{4}$	$2.1 \cdot 10^{4}$	$7.1 \cdot 10^{2}$	$2.1 \cdot 10^{3}$
			$SETP_{fresh}$	$5.6 \cdot 10^{2}$	$1.1 \cdot 10^{5}$	$2.2 \cdot 10^{1}$	$6.2 \cdot 10^{3}$	$1.8 \cdot 10^{4}$
			$SETP_{marine}$	$2.7 \cdot 10^{3}$	$1.6 \cdot 10^{4}$	$2.8 \cdot 10^{4}$	$9.3 \cdot 10^{2}$	$2.7 \cdot 10^{3}$
			TETP	1.7	$6.0 \cdot 10^{-1}$	$7.4 \cdot 10^{-2}$	$1.1 \cdot 10^{2}$	$7.8 \cdot 10^{1}$
			HTP	2.0	8.6	$3.1 \cdot 10^{-1}$	$1.3 \cdot 10^{1}$	1.5
145.	Glyphosate	1071-83-6	$AETP_{fresh}$	$2.2 \cdot 10^{1}$	$1.4 \cdot 10^{3}$	$2.1 \cdot 10^{-11}$	$9.2 \cdot 10^{-1}$	3.7
			$AETP_{marine}$	$1.7 \cdot 10^{1}$	4.2	$3.3 \cdot 10^{1}$	$2.8 \cdot 10^{-3}$	$1.1 \cdot 10^{-2}$
			$SETP_{fresh}$	$2.1 \cdot 10^{1}$	$1.3 \cdot 10^{3}$	$2.0 \cdot 10^{-11}$	$9.0 \cdot 10^{-1}$	3.6
			$SETP_{marine}$	$1.5 \cdot 10^{1}$	3.7	$3.0 \cdot 10^{1}$	$2.5 \cdot 10^{-3}$	$9.9 \cdot 10^{-3}$
			TETP	$4.7 \cdot 10^{-2}$	$2.2 \cdot 10^{-11}$	$4.4 \cdot 10^{-14}$	$9.6 \cdot 10^{-2}$	$9.6 \cdot 10^{-2}$
			HTP	$3.1 \cdot 10^{-3}$	$6.6 \cdot 10^{-2}$	$1.5 \cdot 10^{-5}$	$1.5 \cdot 10^{-2}$	$6.5 \cdot 10^{-4}$
146.	Heptachlor	76-44-8	$AETP_{fresh}$	1.4	$1.8 \cdot 10^{4}$	$3.9 \cdot 10^{-2}$	2.3	8.9
			$AETP_{marine}$	2.9	$1.2 \cdot 10^{1}$	$1.1 \cdot 10^{3}$	$2.4 \cdot 10^{-2}$	$9.5 \cdot 10^{-2}$
			$SETP_{fresh}$	2.0	$2.6 \cdot 10^{4}$	$5.5 \cdot 10^{-2}$	3.2	$1.3 \cdot 10^{1}$
			$SETP_{marine}$	2.4	$1.0 \cdot 10^{1}$	$9.2 \cdot 10^{2}$	$2.0 \cdot 10^{-2}$	$7.9 \cdot 10^{-2}$
			TETP	$8.8 \cdot 10^{-4}$	$5.3 \cdot 10^{-4}$	$2.4 \cdot 10^{-5}$	5.5	5.3
			HTP	$4.0 \cdot 10^{1}$	$3.4 \cdot 10^{3}$	$4.3 \cdot 10^{1}$	$6.7 \cdot 10^{2}$	4.4
147.	Heptenophos	23560-59-0	$AETP_{fresh}$	$1.2 \cdot 10^{2}$	$2.2 \cdot 10^{4}$	$1.3 \cdot 10^{-3}$	$3.1 \cdot 10^{1}$	$1.2 \cdot 10^{2}$
			$AETP_{marine}$	$7.8 \cdot 10^{1}$	$1.1 \cdot 10^{1}$	$4.5 \cdot 10^{2}$	$2.6 \cdot 10^{-2}$	$1.0 \cdot 10^{-1}$
			$SETP_{fresh}$	$1.5 \cdot 10^{1}$	$2.8 \cdot 10^{3}$	$1.7 \cdot 10^{-4}$	3.8	$1.5 \cdot 10^{1}$
			$SETP_{marine}$	$1.5 \cdot 10^{1}$	2.3	$9.1 \cdot 10^{1}$	$5.1 \cdot 10^{-3}$	$2.0 \cdot 10^{-2}$
			TETP	2.2	$1.6 \cdot 10^{-3}$	$2.4 \cdot 10^{-5}$	$1.6 \cdot 10^{1}$	$1.6 \cdot 10^{1}$
			HTP	$2.3 \cdot 10^{1}$	1.3	$2.3 \cdot 10^{-3}$	3.4	$2.0 \cdot 10^{-2}$
148.	Iprodione	36734-19-7	$AETP_{fresh}$	2.8	$1.6 \cdot 10^{2}$	$3.8 \cdot 10^{-9}$	$2.3 \cdot 10^{-1}$	1.9
			$AETP_{marine}$	$3.2 \cdot 10^{-1}$	$1.5 \cdot 10^{-2}$	$7.2 \cdot 10^{-1}$	$2.2 \cdot 10^{-5}$	$1.8 \cdot 10^{-4}$
			$SETP_{fresh}$	$2.3 \cdot 10^{-1}$	$1.3 \cdot 10^{1}$	$3.1 \cdot 10^{-10}$	$1.9 \cdot 10^{-2}$	$1.6 \cdot 10^{-1}$
			$SETP_{marine}$	$5.2 \cdot 10^{-3}$	$2.4 \cdot 10^{-4}$	$1.2 \cdot 10^{-2}$	$3.5 \cdot 10^{-7}$	$2.9 \cdot 10^{-6}$
			TETP	$1.1 \cdot 10^{-1}$	$4.4 \cdot 10^{-8}$	$1.5 \cdot 10^{-10}$	$1.4 \cdot 10^{-1}$	$3.0 \cdot 10^{-1}$
			HTP	$2.8 \cdot 10^{-1}$	$1.8 \cdot 10^{-1}$	$1.2 \cdot 10^{-4}$	1.8	$3.2 \cdot 10^{-3}$
149.	Isoproturon	34123-59-6	$AETP_{fresh}$	$1.9 \cdot 10^{2}$	$1.9 \cdot 10^{3}$	$2.9 \cdot 10^{-5}$	$1.7 \cdot 10^{2}$	$4.0 \cdot 10^{2}$
			$AETP_{marine}$	$3.2 \cdot 10^{1}$	$2.0 \cdot 10^{1}$	$5.9 \cdot 10^{1}$	1.8	4.2
			$SETP_{fresh}$	$7.1 \cdot 10^{1}$	$7.1 \cdot 10^{2}$	$1.1 \cdot 10^{-5}$	$6.3 \cdot 10^{1}$	$1.5 \cdot 10^{2}$
			$SETP_{marine}$	$2.0 \cdot 10^{1}$	$1.3 \cdot 10^{1}$	$3.7 \cdot 10^{1}$	1.1	2.7
			TETP	2.5	$1.6 \cdot 10^{-5}$	$3.8 \cdot 10^{-7}$	6.4	4.6
			HTP	$1.3 \cdot 10^{2}$	$1.3 \cdot 10^{1}$	$2.9 \cdot 10^{-2}$	$9.6 \cdot 10^{2}$	2.8
150.	Lindane	58-89-9	$AETP_{fresh}$	$5.2 \cdot 10^{1}$	$6.5 \cdot 10^{3}$	$1.1 \cdot 10^{-1}$	$9.7 \cdot 10^{1}$	$3.7 \cdot 10^{2}$
			$AETP_{marine}$	$5.2 \cdot 10^{1}$	$8.8 \cdot 10^{1}$	$2.3 \cdot 10^{2}$	1.4	5.3
			$SETP_{fresh}$	$1.4 \cdot 10^{1}$	$1.7 \cdot 10^{3}$	$3.0 \cdot 10^{-2}$	$2.5 \cdot 10^{1}$	$9.7 \cdot 10^{1}$
			$SETP_{marine}$	9.2	$1.8 \cdot 10^{1}$	$4.8 \cdot 10^{1}$	$2.9 \cdot 10^{-1}$	1.1
			TETP	1.8	$1.6 \cdot 10^{-1}$	$3.9 \cdot 10^{-3}$	$2.3 \cdot 10^{1}$	$2.2 \cdot 10^{1}$
			HTP	$6.1 \cdot 10^{2}$	$8.3 \cdot 10^{2}$	6.1	$4.9 \cdot 10^{2}$	$5.2 \cdot 10^{1}$
151.	Linuron	330-55-2	$AETP_{fresh}$	$4.0 \cdot 10^{1}$	$3.1 \cdot 10^{4}$	$6.0 \cdot 10^{-2}$	$6.9 \cdot 10^{2}$	$2.4 \cdot 10^{3}$
			$AETP_{marine}$	$2.7 \cdot 10^{1}$	$5.6 \cdot 10^{2}$	$1.3 \cdot 10^{3}$	$1.2 \cdot 10^{1}$	$4.4 \cdot 10^{1}$
			$SETP_{fresh}$	$3.9 \cdot 10^{1}$	$3.1 \cdot 10^{4}$	$6.0 \cdot 10^{-2}$	$6.9 \cdot 10^{2}$	$2.4 \cdot 10^{3}$
			$SETP_{marine}$	$3.5 \cdot 10^{1}$	$7.3 \cdot 10^{2}$	$1.7 \cdot 10^{3}$	$1.6 \cdot 10^{1}$	$5.7 \cdot 10^{1}$
			TETP	$2.0 \cdot 10^{-1}$	$1.1 \cdot 10^{-2}$	$3.1 \cdot 10^{-4}$	$2.1 \cdot 10^{1}$	$1.8 \cdot 10^{1}$
			HTP	$1.4 \cdot 10^{1}$	$1.1 \cdot 10^{2}$	$6.5 \cdot 10^{-1}$	$1.7 \cdot 10^{2}$	9.4

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
152.	Malathion	121-74-6	$AETP_{fresh}$	$1.8 \cdot 10^{3}$	$2.1 \cdot 10^{5}$	$1.8 \cdot 10^{-2}$	$1.6 \cdot 10^{2}$	$6.5 \cdot 10^{2}$
			$AETP_{marine}$	$1.4 \cdot 10^{3}$	$7.7 \cdot 10^{2}$	$5.1 \cdot 10^{3}$	$6.6 \cdot 10^{-1}$	2.6
			$SETP_{fresh}$	$1.1 \cdot 10^{3}$	$1.2 \cdot 10^{5}$	$1.1 \cdot 10^{-2}$	$9.5 \cdot 10^{1}$	$3.8 \cdot 10^{2}$
			$SETP_{marine}$	$7.8 \cdot 10^{2}$	$4.3 \cdot 10^{2}$	$2.8 \cdot 10^{3}$	$3.7 \cdot 10^{-1}$	1.5
			TETP	$2.0 \cdot 10^{-2}$	$1.1 \cdot 10^{-5}$	$2.0 \cdot 10^{-7}$	$7.6 \cdot 10^{-2}$	$7.5 \cdot 10^{-2}$
			HTP	$3.5 \cdot 10^{-2}$	$2.4 \cdot 10^{-1}$	$8.4 \cdot 10^{-4}$	$2.6 \cdot 10^{-2}$	$9.5 \cdot 10^{-4}$
153.	MCPA	94-74-6	$AETP_{fresh}$	1.1	$2.7 \cdot 10^{1}$	$5.3 \cdot 10^{-13}$	$4.6 \cdot 10^{-1}$	1.7
			$AETP_{marine}$	$2.8 \cdot 10^{-1}$	$3.6 \cdot 10^{-2}$	$5.6 \cdot 10^{-1}$	$6.2 \cdot 10^{-4}$	$2.2 \cdot 10^{-3}$
			$SETP_{fresh}$	$7.0 \cdot 10^{-1}$	$1.8 \cdot 10^{1}$	$3.6 \cdot 10^{-13}$	$3.1 \cdot 10^{-1}$	1.1
			$SETP_{marine}$	$3.5 \cdot 10^{-1}$	$4.4 \cdot 10^{-2}$	$6.9 \cdot 10^{-1}$	$7.6 \cdot 10^{-4}$	$2.7 \cdot 10^{-3}$
			TETP	$4.3 \cdot 10^{-2}$	$1.4 \cdot 10^{-11}$	$2.2 \cdot 10^{-14}$	$9.4 \cdot 10^{-2}$	$8.6 \cdot 10^{-2}$
			HTP	$1.5 \cdot 10^{1}$	$1.5 \cdot 10^{1}$	$3.7 \cdot 10^{-2}$	$1.0 \cdot 10^{2}$	$9.7 \cdot 10^{-1}$
154.	Mecoprop	7085-19-0	$AETP_{fresh}$	$3.7 \cdot 10^{1}$	$3.8 \cdot 10^{2}$	$3.8 \cdot 10^{-10}$	$3.0 \cdot 10^{1}$	$7.8 \cdot 10^{1}$
			$AETP_{marine}$	4.1	$6.7 \cdot 10^{-1}$	8.0	$5.3 \cdot 10^{-2}$	$1.4 \cdot 10^{-1}$
			$SETP_{fresh}$	$2.5 \cdot 10^{1}$	$2.5 \cdot 10^{2}$	$2.5 \cdot 10^{-10}$	$2.0 \cdot 10^{1}$	$5.3 \cdot 10^{1}$
			$SETP_{marine}$	5.3	$8.7 \cdot 10^{-1}$	$1.1 \cdot 10^{1}$	$6.9 \cdot 10^{-2}$	$1.8 \cdot 10^{-1}$
			TETP	1.8	$1.1 \cdot 10^{-8}$	$1.8 \cdot 10^{-11}$	4.7	3.3
			HTP	$1.2 \cdot 10^{2}$	$2.0 \cdot 10^{2}$	$8.4 \cdot 10^{-1}$	$7.4 \cdot 10^{2}$	$4.2 \cdot 10^{1}$
155.	Metamitron	41394-5-2	$AETP_{fresh}$	$9.3 \cdot 10^{-1}$	$2.3 \cdot 10^{1}$	$6.8 \cdot 10^{-10}$	$4.1 \cdot 10^{-1}$	1.5
			$AETP_{marine}$	$2.5 \cdot 10^{-1}$	$6.3 \cdot 10^{-2}$	$4.9 \cdot 10^{-1}$	$1.1 \cdot 10^{-3}$	$4.1 \cdot 10^{-3}$
			$SETP_{fresh}$	$4.9 \cdot 10^{-1}$	$1.2 \cdot 10^{1}$	$3.5 \cdot 10^{-10}$	$2.2 \cdot 10^{-1}$	$7.9 \cdot 10^{-1}$
			$SETP_{marine}$	$1.9 \cdot 10^{-1}$	$5.0 \cdot 10^{-2}$	$3.8 \cdot 10^{-1}$	$8.9 \cdot 10^{-4}$	$3.2 \cdot 10^{-3}$
			TETP	$1.9 \cdot 10^{-2}$	$8.5 \cdot 10^{-10}$	$1.4 \cdot 10^{-11}$	$4.2 \cdot 10^{-2}$	$3.8 \cdot 10^{-2}$
			HTP	$8.8 \cdot 10^{-1}$	$1.6 \cdot 10^{-1}$	$3.2 \cdot 10^{-5}$	6.5	$1.2 \cdot 10^{-2}$
156.	Metazachlor	67129-8-2	$AETP_{fresh}$	7.4	$1.5 \cdot 10^{2}$	$3.0 \cdot 10^{-6}$	3.9	$1.4 \cdot 10^{1}$
			$AETP_{marine}$	2.2	1.3	4.4	$3.3 \cdot 10^{-2}$	$1.1 \cdot 10^{-1}$
			$SETP_{fresh}$	5.3	$1.1 \cdot 10^{2}$	$2.2 \cdot 10^{-6}$	2.8	9.8
			$SETP_{marine}$	2.6	1.5	5.2	$3.9 \cdot 10^{-2}$	$1.4 \cdot 10^{-1}$
			TETP	$7.4 \cdot 10^{-2}$	$1.4 \cdot 10^{-6}$	$3.0 \cdot 10^{-8}$	$1.7 \cdot 10^{-1}$	$1.5 \cdot 10^{-1}$
			HTP	6.8	1.7	$2.4 \cdot 10^{-3}$	$4.9 \cdot 10^{1}$	$1.6 \cdot 10^{-1}$
157.	Methabenzthiazuron	18691-97-9	$AETP_{fresh}$	$7.0 \cdot 10^{1}$	$1.1 \cdot 10^{3}$	$9.2 \cdot 10^{-5}$	$4.4 \cdot 10^{1}$	$1.4 \cdot 10^{2}$
			$AETP_{marine}$	$2.5 \cdot 10^{1}$	$2.5 \cdot 10^{1}$	$4.8 \cdot 10^{1}$	1.0	3.2
			$SETP_{fresh}$	$7.6 \cdot 10^{1}$	$1.2 \cdot 10^{3}$	$1.0 \cdot 10^{-4}$	$4.8 \cdot 10^{1}$	$1.5 \cdot 10^{2}$
			$SETP_{marine}$	$3.7 \cdot 10^{1}$	$3.7 \cdot 10^{1}$	$7.0 \cdot 10^{1}$	1.5	4.7
			TETP	$4.5 \cdot 10^{-1}$	$2.0 \cdot 10^{-5}$	$6.0 \cdot 10^{-7}$	1.1	$8.8 \cdot 10^{-1}$
			HTP	7.1	2.6	$8.2 \cdot 10^{-3}$	$5.1 \cdot 10^{1}$	$3.6 \cdot 10^{-1}$
158.	Methomyl	16752-77-5	$AETP_{fresh}$	$1.4 \cdot 10^{4}$	$1.4 \cdot 10^{5}$	$8.5 \cdot 10^{-3}$	$1.4 \cdot 10^{4}$	$2.8 \cdot 10^{4}$
			$AETP_{marine}$	$3.9 \cdot 10^{3}$	$4.2 \cdot 10^{3}$	$6.9 \cdot 10^{3}$	$4.4 \cdot 10^{2}$	$8.9 \cdot 10^{2}$
			$SETP_{fresh}$	$1.0 \cdot 10^{4}$	$1.0 \cdot 10^{5}$	$6.3 \cdot 10^{-3}$	$1.1 \cdot 10^{4}$	$2.1 \cdot 10^{4}$
			$SETP_{marine}$	$5.0 \cdot 10^{3}$	$5.4 \cdot 10^{3}$	$8.9 \cdot 10^{3}$	$5.7 \cdot 10^{2}$	$1.1 \cdot 10^{3}$
			TETP	$1.2 \cdot 10^{2}$	$2.2 \cdot 10^{-3}$	$7.5 \cdot 10^{-5}$	$3.0 \cdot 10^{2}$	$2.2 \cdot 10^{2}$
			HTP	6.2	3.3	$1.4 \cdot 10^{-3}$	$4.3 \cdot 10^{1}$	$6.9 \cdot 10^{-1}$
159.	Methylbromide	74-83-9	$AETP_{fresh}$	$3.3 \cdot 10^{-2}$	$1.9 \cdot 10^{1}$	$2.3 \cdot 10^{-3}$	$1.4 \cdot 10^{-1}$	$1.4 \cdot 10^{-1}$
			$AETP_{marine}$	4.1	3.5	2.4	3.1	3.1
			$SETP_{fresh}$	$1.7 \cdot 10^{-2}$	$1.0 \cdot 10^{1}$	$1.2 \cdot 10^{-3}$	$7.2 \cdot 10^{-2}$	$7.3 \cdot 10^{-2}$
			$SETP_{marine}$	1.1	$9.6 \cdot 10^{-1}$	2.0	$8.3 \cdot 10^{-1}$	$8.3 \cdot 10^{-1}$
			TETP	$1.3 \cdot 10^{-2}$	$1.1 \cdot 10^{-2}$	$9.1 \cdot 10^{-4}$	$3.6 \cdot 10^{-1}$	$3.7 \cdot 10^{-1}$
			HTP	$3.5 \cdot 10^{2}$	$3.0 \cdot 10^{2}$	$2.5 \cdot 10^{1}$	$2.6 \cdot 10^{2}$	$2.6 \cdot 10^{2}$

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
160.	Metobromuron	3060-89-7	$AETP_{fresh}$	$4.9 \cdot 10^{1}$	$4.3 \cdot 10^{2}$	$1.6 \cdot 10^{-3}$	$9.5 \cdot 10^{1}$	$9.5 \cdot 10^{1}$
			$AETP_{marine}$	$4.2 \cdot 10^{1}$	$6.4 \cdot 10^{1}$	$7.3 \cdot 10^{1}$	$1.4 \cdot 10^{1}$	$1.4 \cdot 10^{1}$
			$SETP_{fresh}$	$4.8 \cdot 10^{1}$	$4.2 \cdot 10^{2}$	$1.6 \cdot 10^{-3}$	$9.2 \cdot 10^{1}$	$9.2 \cdot 10^{1}$
			$SETP_{marine}$	$4.7 \cdot 10^{1}$	$7.2 \cdot 10^{1}$	$8.2 \cdot 10^{1}$	$1.6 \cdot 10^{1}$	$1.6 \cdot 10^{1}$
			TETP	$9.9 \cdot 10^{-1}$	$4.6 \cdot 10^{-4}$	$3.8 \cdot 10^{-5}$	2.2	2.2
			HTP	$5.5 \cdot 10^{1}$	8.0	$7.6 \cdot 10^{-2}$	$4.1 \cdot 10^{2}$	1.9
161.	Metolachlor	51218-45-2	$AETP_{fresh}$	$1.5 \cdot 10^{3}$	$3.8 \cdot 10^{4}$	$7.0 \cdot 10^{-2}$	$1.9 \cdot 10^{3}$	$5.8 \cdot 10^{3}$
			$AETP_{marine}$	$3.8 \cdot 10^{2}$	$5.8 \cdot 10^{2}$	$1.3 \cdot 10^{3}$	$3.0 \cdot 10^{1}$	$9.1 \cdot 10^{1}$
			$SETP_{fresh}$	$1.3 \cdot 10^{3}$	$3.4 \cdot 10^{4}$	$6.2 \cdot 10^{-2}$	$1.7 \cdot 10^{3}$	$5.2 \cdot 10^{3}$
			$SETP_{marine}$	$5.2 \cdot 10^{2}$	$8.1 \cdot 10^{2}$	$1.9 \cdot 10^{3}$	$4.1 \cdot 10^{1}$	$1.3 \cdot 10^{2}$
			TETP	$1.1 \cdot 10^{-1}$	$2.1 \cdot 10^{-4}$	$5.4 \cdot 10^{-6}$	$5.4 \cdot 10^{-1}$	$4.1 \cdot 10^{-1}$
			HTP	2.6	$5.5 \cdot 10^{-1}$	$8.5 \cdot 10^{-4}$	$1.1 \cdot 10^{1}$	$1.1 \cdot 10^{-1}$
162.	Mevinphos	7786-34-7	$AETP_{fresh}$	$9.3 \cdot 10^{3}$	$5.9 \cdot 10^{5}$	$6.9 \cdot 10^{-5}$	$3.5 \cdot 10^{2}$	$1.5 \cdot 10^{3}$
			$AETP_{marine}$	$5.4 \cdot 10^{3}$	$5.7 \cdot 10^{2}$	$1.1 \cdot 10^{4}$	$3.4 \cdot 10^{-1}$	1.4
			$SETP_{fresh}$	$1.2 \cdot 10^{3}$	$7.4 \cdot 10^{4}$	$8.8 \cdot 10^{-6}$	$4.4 \cdot 10^{1}$	$1.8 \cdot 10^{2}$
			$SETP_{marine}$	$6.0 \cdot 10^{2}$	$6.3 \cdot 10^{1}$	$1.2 \cdot 10^{3}$	$3.8 \cdot 10^{-2}$	$1.6 \cdot 10^{-1}$
			TETP	$4.3 \cdot 10^{1}$	$2.3 \cdot 10^{-5}$	$3.2 \cdot 10^{-7}$	$8.7 \cdot 10^{1}$	$9.0 \cdot 10^{1}$
			HTP	1.0	$1.1 \cdot 10^{1}$	$1.8 \cdot 10^{-3}$	5.7	$5.5 \cdot 10^{-2}$
163.	Oxamyl	23135-22-0	$AETP_{fresh}$	$5.6 \cdot 10^{1}$	$6.5 \cdot 10^{2}$	$4.5 \cdot 10^{-7}$	$3.0 \cdot 10^{1}$	$1.2 \cdot 10^{2}$
			$AETP_{marine}$	1.4	$1.8 \cdot 10^{-1}$	2.8	$8.4 \cdot 10^{-3}$	$3.4 \cdot 10^{-2}$
			$SETP_{fresh}$	$2.5 \cdot 10^{1}$	$3.0 \cdot 10^{2}$	$2.1 \cdot 10^{-7}$	$1.3 \cdot 10^{1}$	$5.5 \cdot 10^{1}$
			$SETP_{marine}$	$4.0 \cdot 10^{-1}$	$5.3 \cdot 10^{-2}$	$8.0 \cdot 10^{-1}$	$2.4 \cdot 10^{-3}$	$9.9 \cdot 10^{-3}$
			TETP	2.9	$7.1 \cdot 10^{-6}$	$2.3 \cdot 10^{-8}$	5.9	6.0
			HTP	1.4	$3.6 \cdot 10^{-1}$	$1.4 \cdot 10^{-5}$	$1.0 \cdot 10^{1}$	$6.8 \cdot 10^{-2}$
164.	Oxydemethon-methyl	301-12-2	$AETP_{fresh}$	$2.4 \cdot 10^{3}$	$7.0 \cdot 10^{4}$	$3.0 \cdot 10^{-4}$	$9.7 \cdot 10^{2}$	$3.6 \cdot 10^{3}$
			$AETP_{marine}$	$5.0 \cdot 10^{2}$	$1.4 \cdot 10^{2}$	$1.0 \cdot 10^{3}$	2.0	7.3
			$SETP_{fresh}$	$5.3 \cdot 10^{2}$	$1.6 \cdot 10^{4}$	$6.8 \cdot 10^{-5}$	$2.2 \cdot 10^{2}$	$8.1 \cdot 10^{2}$
			$SETP_{marine}$	$2.1 \cdot 10^{2}$	$5.8 \cdot 10^{1}$	$4.2 \cdot 10^{2}$	$8.2 \cdot 10^{-1}$	3.0
			TETP	$4.1 \cdot 10^{1}$	$4.6 \cdot 10^{-4}$	$5.2 \cdot 10^{-6}$	$9.2 \cdot 10^{1}$	$8.5 \cdot 10^{1}$
			HTP	$1.2 \cdot 10^{2}$	$7.4 \cdot 10^{1}$	$1.0 \cdot 10^{-2}$	$6.1 \cdot 10^{2}$	3.8
165.	Parathion-ethyl	56-38-2	$AETP_{fresh}$	$2.8 \cdot 10^{3}$	$1.2 \cdot 10^{6}$	$2.0 \cdot 10^{-1}$	$5.0 \cdot 10^{2}$	$1.9 \cdot 10^{3}$
			$AETP_{marine}$	$3.1 \cdot 10^{3}$	$5.3 \cdot 10^{3}$	$4.1 \cdot 10^{4}$	2.3	9.2
			$SETP_{fresh}$	$1.9 \cdot 10^{3}$	$8.0 \cdot 10^{5}$	$1.4 \cdot 10^{-1}$	$3.4 \cdot 10^{2}$	$1.3 \cdot 10^{3}$
			$SETP_{marine}$	$1.3 \cdot 10^{3}$	$2.2 \cdot 10^{3}$	$1.7 \cdot 10^{4}$	$9.6 \cdot 10^{-1}$	3.8
			TETP	1.1	$3.1 \cdot 10^{-3}$	$8.2 \cdot 10^{-5}$	$1.7 \cdot 10^{1}$	$1.7 \cdot 10^{1}$
			HTP	3.3	$3.1 \cdot 10^{1}$	$1.8 \cdot 10^{-1}$	2.9	$1.1 \cdot 10^{-1}$
166.	Parathion-methyl	298-00-0	$AETP_{fresh}$	$9.9 \cdot 10^{2}$	$2.9 \cdot 10^{5}$	$1.2 \cdot 10^{-1}$	$1.1 \cdot 10^{3}$	$4.4 \cdot 10^{3}$
			$AETP_{marine}$	$7.2 \cdot 10^{2}$	$1.5 \cdot 10^{3}$	$8.1 \cdot 10^{3}$	5.9	$2.3 \cdot 10^{1}$
			$SETP_{fresh}$	$6.0 \cdot 10^{1}$	$1.8 \cdot 10^{4}$	$7.4 \cdot 10^{-3}$	$6.8 \cdot 10^{1}$	$2.6 \cdot 10^{2}$
			$SETP_{marine}$	$3.0 \cdot 10^{1}$	$6.2 \cdot 10^{1}$	$3.4 \cdot 10^{2}$	$2.5 \cdot 10^{-1}$	$9.8 \cdot 10^{-1}$
			TETP	5.7	$3.4 \cdot 10^{-2}$	$7.1 \cdot 10^{-4}$	$8.1 \cdot 10^{1}$	$7.9 \cdot 10^{1}$
			HTP	$5.3 \cdot 10^{1}$	$1.0 \cdot 10^{2}$	$5.4 \cdot 10^{-1}$	$2.4 \cdot 10^{1}$	1.7
167.	Permethrin	52645-53-1	$AETP_{fresh}$	$1.6 \cdot 10^{4}$	$5.0 \cdot 10^{6}$	$1.0 \cdot 10^{1}$	$9.2 \cdot 10^{2}$	$3.7 \cdot 10^{3}$
			$AETP_{marine}$	$3.1 \cdot 10^{4}$	$2.7 \cdot 10^{4}$	$2.8 \cdot 10^{5}$	5.5	$2.2 \cdot 10^{1}$
			$SETP_{fresh}$	$2.1 \cdot 10^{4}$	$6.7 \cdot 10^{6}$	$1.3 \cdot 10^{1}$	$1.2 \cdot 10^{3}$	$4.8 \cdot 10^{3}$
			$SETP_{marine}$	$2.3 \cdot 10^{4}$	$2.0 \cdot 10^{4}$	$2.2 \cdot 10^{5}$	4.2	$1.7 \cdot 10^{1}$
			TETP	$2.6 \cdot 10^{1}$	$3.9 \cdot 10^{-1}$	$1.7 \cdot 10^{-2}$	$2.5 \cdot 10^{2}$	$2.5 \cdot 10^{2}$
			HTP	$8.5 \cdot 10^{-1}$	$2.3 \cdot 10^{1}$	$2.6 \cdot 10^{-1}$	$1.1 \cdot 10^{1}$	$2.1 \cdot 10^{-2}$

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
168.	Phoxim	14816-18-3	$AETP_{fresh}$	$4.4 \cdot 10^{-1}$	$2.6 \cdot 10^{3}$	$3.3 \cdot 10^{-2}$	4.4	7.9
			$AETP_{marine}$	1.6	5.0	$3.0 \cdot 10^{2}$	$3.1 \cdot 10^{-1}$	$5.5 \cdot 10^{-1}$
			$SETP_{fresh}$	$7.1 \cdot 10^{-2}$	$4.3 \cdot 10^{2}$	$5.4 \cdot 10^{-3}$	$7.2 \cdot 10^{-1}$	1.3
			$SETP_{marine}$	$2.1 \cdot 10^{-1}$	$6.7 \cdot 10^{-1}$	$4.1 \cdot 10^{1}$	$4.1 \cdot 10^{-2}$	$7.2 \cdot 10^{-2}$
			TETP	$1.7 \cdot 10^{-2}$	$1.5 \cdot 10^{-2}$	$1.3 \cdot 10^{-3}$	4.7	3.8
			HTP	$9.7 \cdot 10^{-1}$	$1.2 \cdot 10^{1}$	$2.9 \cdot 10^{-1}$	$2.5 \cdot 10^{1}$	$3.8 \cdot 10^{-1}$
169.	Pirimicarb	23103-98-2	$AETP_{fresh}$	$2.4 \cdot 10^{3}$	$3.6 \cdot 10^{4}$	$8.9 \cdot 10^{-4}$	$1.7 \cdot 10^{3}$	$5.2 \cdot 10^{3}$
			$AETP_{marine}$	$4.1 \cdot 10^{2}$	$1.6 \cdot 10^{2}$	$8.6 \cdot 10^{2}$	7.3	$2.3 \cdot 10^{1}$
			$SETP_{fresh}$	$2.4 \cdot 10^{3}$	$3.6 \cdot 10^{4}$	$9.0 \cdot 10^{-4}$	$1.7 \cdot 10^{3}$	$5.3 \cdot 10^{3}$
			$SETP_{marine}$	$6.2 \cdot 10^{2}$	$2.4 \cdot 10^{2}$	$1.3 \cdot 10^{3}$	$1.1 \cdot 10^{1}$	$3.5 \cdot 10^{1}$
			TETP	$4.6 \cdot 10^{1}$	$9.3 \cdot 10^{-4}$	$1.7 \cdot 10^{-5}$	$1.2 \cdot 10^{2}$	$9.4 \cdot 10^{1}$
			HTP	3.4	1.7	$1.3 \cdot 10^{-3}$	$2.6 \cdot 10^{1}$	$2.9 \cdot 10^{-1}$
170.	Propachlor	1918-16-7	$AETP_{fresh}$	$2.0 \cdot 10^{1}$	$1.2 \cdot 10^{3}$	$5.0 \cdot 10^{-4}$	$1.7 \cdot 10^{1}$	$6.4 \cdot 10^{1}$
			$AETP_{marine}$	7.1	2.4	$2.7 \cdot 10^{1}$	$4.2 \cdot 10^{-2}$	$1.6 \cdot 10^{-1}$
			$SETP_{fresh}$	$1.1 \cdot 10^{1}$	$6.7 \cdot 10^{2}$	$2.7 \cdot 10^{-4}$	9.4	$3.4 \cdot 10^{1}$
			$SETP_{marine}$	6.5	2.3	$2.5 \cdot 10^{1}$	$4.0 \cdot 10^{-2}$	$1.5 \cdot 10^{-1}$
			TETP	$5.4 \cdot 10^{-1}$	$8.1 \cdot 10^{-4}$	$1.3 \cdot 10^{-5}$	2.5	2.3
			HTP	$1.2 \cdot 10^{1}$	1.6	$2.6 \cdot 10^{-3}$	$1.5 \cdot 10^{1}$	$1.4 \cdot 10^{-1}$
171.	Propoxur	114-26-1	$AETP_{fresh}$	$2.5 \cdot 10^{4}$	$2.6 \cdot 10^{5}$	$1.2 \cdot 10^{-4}$	$2.0 \cdot 10^{4}$	$5.4 \cdot 10^{4}$
			$AETP_{marine}$	$1.8 \cdot 10^{3}$	$5.0 \cdot 10^{2}$	$3.4 \cdot 10^{3}$	$3.9 \cdot 10^{1}$	$1.0 \cdot 10^{2}$
			$SETP_{fresh}$	$1.8 \cdot 10^{4}$	$1.8 \cdot 10^{5}$	$8.2 \cdot 10^{-5}$	$1.4 \cdot 10^{4}$	$3.8 \cdot 10^{4}$
			$SETP_{marine}$	$1.8 \cdot 10^{3}$	$5.2 \cdot 10^{2}$	$3.6 \cdot 10^{3}$	$4.0 \cdot 10^{1}$	$1.1 \cdot 10^{2}$
			TETP	$7.0 \cdot 10^{2}$	$3.1 \cdot 10^{-4}$	$3.2 \cdot 10^{-6}$	$1.8 \cdot 10^{3}$	$1.3 \cdot 10^{3}$
			HTP	$3.7 \cdot 10^{1}$	1.3	$3.9 \cdot 10^{-4}$	$2.7 \cdot 10^{2}$	$2.7 \cdot 10^{-1}$
172.	Pyrazophos	13457-18-6	$AETP_{fresh}$	$1.8 \cdot 10^{2}$	$4.9 \cdot 10^{4}$	$2.3 \cdot 10^{-3}$	$2.5 \cdot 10^{2}$	$9.9 \cdot 10^{2}$
			$AETP_{marine}$	$9.4 \cdot 10^{1}$	$1.2 \cdot 10^{2}$	$1.1 \cdot 10^{3}$	$6.8 \cdot 10^{-1}$	2.6
			$SETP_{fresh}$	$1.7 \cdot 10^{2}$	$4.5 \cdot 10^{4}$	$2.0 \cdot 10^{-3}$	$2.3 \cdot 10^{2}$	$9.0 \cdot 10^{2}$
			$SETP_{marine}$	$8.9 \cdot 10^{1}$	$1.2 \cdot 10^{2}$	$1.1 \cdot 10^{3}$	$6.5 \cdot 10^{-1}$	2.5
			TETP	2.3	$1.7 \cdot 10^{-3}$	$2.9 \cdot 10^{-5}$	$3.0 \cdot 10^{1}$	$2.9 \cdot 10^{1}$
			HTP	$2.5 \cdot 10^{1}$	$5.3 \cdot 10^{1}$	$2.3 \cdot 10^{-1}$	$5.1 \cdot 10^{1}$	1.2
173.	Simazine	122-34-9	$AETP_{fresh}$	$2.1 \cdot 10^{3}$	$2.7 \cdot 10^{4}$	$4.5 \cdot 10^{-3}$	$2.3 \cdot 10^{3}$	$5.6 \cdot 10^{3}$
			$AETP_{marine}$	$2.8 \cdot 10^{2}$	$1.4 \cdot 10^{2}$	$6.7 \cdot 10^{2}$	$1.3 \cdot 10^{1}$	$3.1 \cdot 10^{1}$
			$SETP_{fresh}$	$1.8 \cdot 10^{3}$	$2.3 \cdot 10^{4}$	$3.8 \cdot 10^{-3}$	$2.0 \cdot 10^{3}$	$4.8 \cdot 10^{3}$
			$SETP_{marine}$	$4.1 \cdot 10^{2}$	$2.1 \cdot 10^{2}$	$1.0 \cdot 10^{3}$	$1.9 \cdot 10^{1}$	$4.6 \cdot 10^{1}$
			TETP	8.8	$1.0 \cdot 10^{-3}$	$1.9 \cdot 10^{-5}$	$2.9 \cdot 10^{1}$	$2.1 \cdot 10^{1}$
			HTP	$3.3 \cdot 10^{1}$	9.7	$1.6 \cdot 10^{-2}$	$2.1 \cdot 10^{2}$	2.2
174.	2,4,5-T	93-76-5	$AETP_{fresh}$	$8.5 \cdot 10^{-1}$	$1.7 \cdot 10^{1}$	$1.7 \cdot 10^{-10}$	$4.4 \cdot 10^{-1}$	1.5
			$AETP_{marine}$	$2.0 \cdot 10^{-1}$	$6.1 \cdot 10^{-2}$	$4.0 \cdot 10^{-1}$	$1.6 \cdot 10^{-3}$	$5.5 \cdot 10^{-3}$
			$SETP_{fresh}$	$6.1 \cdot 10^{-1}$	$1.2 \cdot 10^{1}$	$1.2 \cdot 10^{-10}$	$3.2 \cdot 10^{-1}$	1.1
			$SETP_{marine}$	$2.5 \cdot 10^{-1}$	$7.6 \cdot 10^{-2}$	$4.9 \cdot 10^{-1}$	$2.0 \cdot 10^{-3}$	$6.8 \cdot 10^{-3}$
			TETP	$3.2 \cdot 10^{-1}$	$3.6 \cdot 10^{-8}$	$6.4 \cdot 10^{-11}$	$7.4 \cdot 10^{-1}$	$6.4 \cdot 10^{-1}$
			HTP	$8.9 \cdot 10^{-1}$	1.9	$5.4 \cdot 10^{-3}$	5.8	$1.8 \cdot 10^{-1}$
175.	Thiram	137-26-8	$AETP_{fresh}$	$2.7 \cdot 10^{3}$	$9.8 \cdot 10^{4}$	$2.6 \cdot 10^{-2}$	$6.9 \cdot 10^{2}$	$4.4 \cdot 10^{3}$
			$AETP_{marine}$	$3.1 \cdot 10^{2}$	$7.5 \cdot 10^{1}$	$4.2 \cdot 10^{2}$	$7.0 \cdot 10^{-1}$	4.5
			$SETP_{fresh}$	$9.8 \cdot 10^{2}$	$3.5 \cdot 10^{4}$	$9.5 \cdot 10^{-3}$	$2.5 \cdot 10^{2}$	$1.6 \cdot 10^{3}$
			$SETP_{marine}$	$1.9 \cdot 10^{1}$	6.6	$3.7 \cdot 10^{1}$	$5.7 \cdot 10^{-2}$	$3.7 \cdot 10^{-1}$
			TETP	$3.2 \cdot 10^{1}$	$9.3 \cdot 10^{-2}$	$3.1 \cdot 10^{-4}$	$5.1 \cdot 10^{1}$	$8.1 \cdot 10^{1}$
			HTP	$1.9 \cdot 10^{1}$	3.3	$6.6 \cdot 10^{-4}$	7.9	$2.5 \cdot 10^{-1}$

Substance No.	Name	CAS No.	Type	Initial emission compartment				
				air	fresh water	sea water	agricult. soil	industrial soil
Pesticides								
176.	Tolclophos-methyl	57018-4-9	$AETP_{fresh}$	$1.5 \cdot 10^{-1}$	$5.0 \cdot 10^{2}$	$2.9 \cdot 10^{-2}$	3.1	9.2
			$AETP_{marine}$	1.4	4.4	$1.4 \cdot 10^{2}$	$1.3 \cdot 10^{-1}$	$3.9 \cdot 10^{-1}$
			$SETP_{fresh}$	$1.6 \cdot 10^{-1}$	$5.3 \cdot 10^{2}$	$3.1 \cdot 10^{-2}$	3.3	9.9
			$SETP_{marine}$	1.6	5.1	$1.6 \cdot 10^{2}$	$1.5 \cdot 10^{-1}$	$4.4 \cdot 10^{-1}$
			TETP	$3.4 \cdot 10^{-4}$	$3.2 \cdot 10^{-4}$	$6.7 \cdot 10^{-5}$	1.8	1.5
			HTP	$6.0 \cdot 10^{-2}$	1.0	$6.5 \cdot 10^{-2}$	$1.1 \cdot 10^{1}$	$4.0 \cdot 10^{-2}$
177.	Tri-allaat	2303-17-5	$AETP_{fresh}$	$6.1 \cdot 10^{1}$	$4.9 \cdot 10^{4}$	1.1	$5.0 \cdot 10^{1}$	$2.0 \cdot 10^{2}$
			$AETP_{marine}$	$1.5 \cdot 10^{2}$	$7.8 \cdot 10^{2}$	$3.3 \cdot 10^{3}$	$8.4 \cdot 10^{-1}$	3.4
			$SETP_{fresh}$	$2.2 \cdot 10^{1}$	$1.7 \cdot 10^{4}$	$4.1 \cdot 10^{-1}$	$1.8 \cdot 10^{1}$	$7.0 \cdot 10^{1}$
			$SETP_{marine}$	$3.9 \cdot 10^{1}$	$2.2 \cdot 10^{2}$	$9.2 \cdot 10^{2}$	$2.3 \cdot 10^{-1}$	$9.3 \cdot 10^{-1}$
			TETP	$6.9 \cdot 10^{-3}$	$2.7 \cdot 10^{-3}$	$1.3 \cdot 10^{-4}$	1.3	1.3
			HTP	9.7	$8.3 \cdot 10^{1}$	1.2	5.8	$3.6 \cdot 10^{-1}$
178.	Triazophos	24017-47-8	$AETP_{fresh}$	$3.3 \cdot 10^{3}$	$1.7 \cdot 10^{5}$	$7.9 \cdot 10^{-2}$	$5.8 \cdot 10^{3}$	$1.9 \cdot 10^{4}$
			$AETP_{marine}$	$8.5 \cdot 10^{2}$	$1.5 \cdot 10^{3}$	$4.9 \cdot 10^{3}$	$5.3 \cdot 10^{1}$	$1.7 \cdot 10^{2}$
			$SETP_{fresh}$	$3.0 \cdot 10^{3}$	$1.6 \cdot 10^{5}$	$7.4 \cdot 10^{-2}$	$5.4 \cdot 10^{3}$	$1.8 \cdot 10^{4}$
			$SETP_{marine}$	$1.2 \cdot 10^{3}$	$2.1 \cdot 10^{3}$	$6.8 \cdot 10^{3}$	$7.3 \cdot 10^{1}$	$2.4 \cdot 10^{2}$
			TETP	$3.4 \cdot 10^{1}$	$3.9 \cdot 10^{-2}$	$8.4 \cdot 10^{-4}$	$2.5 \cdot 10^{2}$	$2.0 \cdot 10^{2}$
			HTP	$2.1 \cdot 10^{2}$	$3.2 \cdot 10^{2}$	1.6	$1.2 \cdot 10^{3}$	$3.7 \cdot 10^{1}$
179.	Tributyltin-oxide	56-35-9	$AETP_{fresh}$	$7.7 \cdot 10^{3}$	$4.5 \cdot 10^{5}$	3.0	$1.1 \cdot 10^{3}$	$4.2 \cdot 10^{3}$
			$AETP_{marine}$	$3.1 \cdot 10^{5}$	$2.1 \cdot 10^{5}$	$5.7 \cdot 10^{5}$	$5.6 \cdot 10^{2}$	$2.2 \cdot 10^{3}$
			$SETP_{fresh}$	$1.0 \cdot 10^{4}$	$6.1 \cdot 10^{5}$	4.1	$1.5 \cdot 10^{3}$	$5.7 \cdot 10^{3}$
			$SETP_{marine}$	$3.9 \cdot 10^{5}$	$2.9 \cdot 10^{5}$	$7.9 \cdot 10^{5}$	$7.7 \cdot 10^{2}$	$3.0 \cdot 10^{3}$
			TETP	$1.7 \cdot 10^{1}$	$1.1 \cdot 10^{-1}$	$6.9 \cdot 10^{-3}$	$3.7 \cdot 10^{1}$	$3.7 \cdot 10^{1}$
			HTP	$7.5 \cdot 10^{3}$	$3.4 \cdot 10^{3}$	$5.5 \cdot 10^{1}$	$2.9 \cdot 10^{2}$	$4.3 \cdot 10^{1}$
180.	Trichlorfon	52-68-6	$AETP_{fresh}$	$1.3 \cdot 10^{4}$	$4.1 \cdot 10^{5}$	$5.3 \cdot 10^{-6}$	$3.3 \cdot 10^{3}$	$1.8 \cdot 10^{4}$
			$AETP_{marine}$	$1.8 \cdot 10^{3}$	$8.3 \cdot 10^{1}$	$3.6 \cdot 10^{3}$	$6.7 \cdot 10^{-1}$	3.7
			$SETP_{fresh}$	$2.4 \cdot 10^{3}$	$7.6 \cdot 10^{4}$	$9.9 \cdot 10^{-7}$	$6.1 \cdot 10^{2}$	$3.4 \cdot 10^{3}$
			$SETP_{marine}$	$2.7 \cdot 10^{2}$	$1.3 \cdot 10^{1}$	$5.4 \cdot 10^{2}$	$1.0 \cdot 10^{-1}$	$5.6 \cdot 10^{-1}$
			TETP	$1.2 \cdot 10^{3}$	$7.0 \cdot 10^{-5}$	$4.8 \cdot 10^{-7}$	$1.9 \cdot 10^{3}$	$2.6 \cdot 10^{3}$
			HTP	4.4	$3.7 \cdot 10^{-1}$	$3.1 \cdot 10^{-5}$	$3.3 \cdot 10^{1}$	$2.0 \cdot 10^{-2}$
181.	Trifluarin	1582-9-8	$AETP_{fresh}$	9.9	$2.7 \cdot 10^{4}$	1.8	$4.0 \cdot 10^{1}$	$1.6 \cdot 10^{2}$
			$AETP_{marine}$	$1.0 \cdot 10^{2}$	$4.2 \cdot 10^{2}$	$8.3 \cdot 10^{3}$	1.2	4.5
			$SETP_{fresh}$	8.1	$2.2 \cdot 10^{4}$	1.4	$3.3 \cdot 10^{1}$	$1.3 \cdot 10^{2}$
			$SETP_{marine}$	$4.4 \cdot 10^{1}$	$1.8 \cdot 10^{2}$	$3.6 \cdot 10^{3}$	$4.9 \cdot 10^{-1}$	1.9
			TETP	$1.7 \cdot 10^{-2}$	$1.3 \cdot 10^{-2}$	$3.0 \cdot 10^{-3}$	$3.5 \cdot 10^{1}$	$3.4 \cdot 10^{1}$
			HTP	1.7	$9.7 \cdot 10^{1}$	6.0	$1.2 \cdot 10^{2}$	$6.8 \cdot 10^{-1}$
182.	Zineb	12122-67-7	$AETP_{fresh}$	$9.4 \cdot 10^{2}$	$2.8 \cdot 10^{4}$	$3.6 \cdot 10^{-3}$	$3.7 \cdot 10^{2}$	$1.4 \cdot 10^{3}$
			$AETP_{marine}$	$4.1 \cdot 10^{2}$	$2.5 \cdot 10^{2}$	$8.1 \cdot 10^{2}$	3.5	$1.3 \cdot 10^{1}$
			$SETP_{fresh}$	$7.4 \cdot 10^{2}$	$2.2 \cdot 10^{4}$	$2.9 \cdot 10^{-3}$	$3.0 \cdot 10^{2}$	$1.1 \cdot 10^{3}$
			$SETP_{marine}$	$4.5 \cdot 10^{2}$	$2.7 \cdot 10^{2}$	$8.9 \cdot 10^{2}$	3.8	$1.4 \cdot 10^{1}$
			TETP	7.2	$1.3 \cdot 10^{-3}$	$2.8 \cdot 10^{-5}$	$1.6 \cdot 10^{1}$	$1.5 \cdot 10^{1}$
			HTP	4.8	1.7	$8.2 \cdot 10^{-4}$	$2.0 \cdot 10^{1}$	$1.0 \cdot 10^{-1}$