

Emission of pollutants for Sector: Chemical industry

Pollutant amount in kg/year

Year: 2021

Last data update: 2023-11-30

Pollutant	Release to			Waste water
	air	water	soil	
1,2-dichloroethane (DCE-1,2)	142.460	279	-	50
Ammonia (NH3)	1.476.100	-	-	-
Arsenic and compounds (as As)	-	558	-	102
Benzene	7.850	-	-	3.034
Brominated diphenylethers (PBDE)	-	9	-	-
Cadmium and compounds (as Cd)	-	157	-	-
Carbon dioxide (CO2)	27.742.000.000	-	-	-
Carbon monoxide (CO)	19.691.000	-	-	-
Chlorides (as total Cl)	-	3.143.840.000	-	428.230.000
Chlorofluorocarbons (CFCs)	545	-	-	-
Chromium and compounds (as Cr)	-	6.500	-	830
Copper and compounds (as Cu)	136	6.044	-	96.365
Cyanides (as total CN)	-	3.665	-	1.648
Dichloromethane (DCM)	-	130	-	2.490
Ethyl benzene	-	-	-	1.508
Ethylene oxide	-	-	-	90
Fluoranthene	-	-	-	3
Fluorides (as total F)	-	200.820	-	128.760
Halogenated organic compounds (as AOX)	-	39.810	-	490.970
Hydrochlorofluorocarbons (HCFCs)	13.137	-	-	-
Hydrochlorofluorocarbons (HCFCs)	770	-	-	-
Hydrogen cyanide (HCN)	4.890	-	-	-
Lead and compounds (as Pb)	-	951	-	192
Mercury and compounds (as Hg)	26	9	-	16
Methane (CH4)	1.436.000	-	-	-
Naphthalene	970	-	-	4.162
Nickel and compounds (as Ni)	-	3.992	-	2.095
Nitrogen oxides	15.709.000	-	-	-
Nitrous oxide (N2O)	1.879.100	-	-	-
Non-methane volatile organic compounds (NMVOC)	6.598.000	-	-	-
Nonylphenol and Nonylphenol ethoxylates	-	-	-	14
Octylphenols and Octylphenol ethoxylates	-	-	-	9
Organotin compounds (as total Sn)	-	194	-	12.400
Particulate matter (PM10)	214.400	-	-	-
PCDD + PCDF (dioxins + furans) (as Teq)	-	-	-	-
Phenols (as total C)	-	3.190	-	200.787

Pollutant	Release to			Waste water
	air	water	soil	
Polycyclic aromatic hydrocarbons (PAHs)	-	-	-	31
Sulphur hexafluoride (SF6)	60	-	-	-
Sulphur oxides (SOX)	7.030.000	-	-	-
Tetrachloroethylene	-	20	-	-
Tetrachloromethane (TCM)	759	-	-	-
Toluene	-	-	-	107.069
Total nitrogen	-	3.070.900	-	6.218.000
Total organic carbon(as total C or COD/3) (TOC)	-	5.346.700	-	50.677.200
Total phosphorus	-	157.580	-	1.058.260
Trichlorobenzenes (TCB)	-	-	-	109
Trichloromethane	1.309	226	-	-
Vinyl chloride	96.830	40	-	722
Xylenes	-	-	-	2.851
Zinc and compounds (as Zn)	2.015	35.634	-	9.198