

## Emission of pollutants for Sector: Chemical industry

Pollutant amount in kg/year

Year: 2022

Last data update: 2023-11-30

Pollutant	Release to			Waste water
	air	water	soil	
1,2-dichloroethane (DCE-1,2)	173.840	452	-	13
Ammonia (NH3)	1.361.300	-	-	-
Arsenic and compounds (as As)	-	501	-	112
Benzene	7.020	-	-	1.538
Cadmium and compounds (as Cd)	-	162	-	-
Carbon dioxide (CO2)	21.577.000.000	-	-	-
Carbon monoxide (CO)	20.120.000	-	-	-
Chlorides (as total Cl)	-	2.597.710.000	-	375.670.000
Chlorofluorocarbons (CFCs)	380	-	-	-
Chromium and compounds (as Cr)	-	6.764	-	732
Copper and compounds (as Cu)	242	6.458	-	61.180
Cyanides (as total CN)	-	3.260	-	1.830
Dichloromethane (DCM)	1.500	89	-	2.846
Ethyl benzene	-	-	-	1.425
Ethylene oxide	-	-	-	90
Fluorides (as total F)	-	176.070	-	195.800
Halogenated organic compounds (as AOX)	-	28.550	-	487.070
Hydrochlorofluorocarbons (HCFCs)	13.696	-	-	-
Hydrochlorofluorocarbons(HCFCs)	398	-	-	-
Hydrogen cyanide (HCN)	1.900	-	-	-
Lead and compounds (as Pb)	-	1.070	-	289
Mercury and compounds (as Hg)	113	15	-	15
Methane (CH4)	1.134.000	-	-	-
Naphthalene	970	-	-	2.970
Nickel and compounds (as Ni)	-	3.550	-	1.864
Nitrogen oxides	14.044.000	-	-	-
Nitrous oxide (N2O)	1.605.200	-	-	-
Non-methane volatile organic compounds (NMVOC)	4.912.000	-	-	-
Nonylphenol and Nonylphenol ethoxylates	-	-	-	13
Octylphenols and Octylphenol ethoxylates	-	-	-	9
Organotin compounds(as total Sn)	-	-	-	8.040
Particulate matter (PM10)	175.300	-	-	-
PCDD + PCDF (dioxins + furans) (as Teq)	-	-	-	-
Phenols (as total C)	-	2.500	-	145.783
Polycyclic aromatic hydrocarbons (PAHs)	-	-	-	15
Sulphur hexafluoride (SF6)	60	-	-	-

Pollutant	Release to			Waste water
	air	water	soil	
Sulphur oxides (SOX)	5.987.000	-	-	-
Tetrachloroethylene	-	12	-	-
Tetrachloromethane (TCM)	910	-	-	-
Toluene	-	-	-	127.441
Total nitrogen	-	3.101.700	-	5.528.300
Total organic carbon(as total C or COD/3) (TOC)	-	4.555.900	-	52.191.500
Total phosphorus	-	188.590	-	1.068.800
Trichlorobenzenes (TCB)	-	-	-	65
Trichloromethane	1.294	216	-	15
Vinyl chloride	94.060	29	-	536
Xylenes	-	-	-	4.004
Zinc and compounds (as Zn)	916	30.674	-	10.383