

**Emission of pollutants for Activity:  
Chemical installations for the production on an industrial scale of basic organic chemicals. Note to**

Pollutant amount in kg/year

Year: 2020

Last data update: 2023-11-30

Pollutant	Release to			Waste water
	air	water	soil	
1,2-dichloroethane (DCE-1,2)	3.700	-	-	-
Ammonia (NH3)	128.400	-	-	-
Arsenic and compounds (as As)	-	-	-	31
Benzene	2.390	-	-	697
Cadmium and compounds (as Cd)	-	30	-	-
Carbon dioxide (CO2)	8.638.000.000	-	-	-
Chlorides (as total Cl)	-	204.880.000	-	191.360.000
Chromium and compounds (as Cr)	-	222	-	229
Copper and compounds (as Cu)	-	166	-	3.144
Cyanides (as total CN)	-	1.700	-	951
Dichloromethane (DCM)	-	44	-	2.229
Ethyl benzene	-	-	-	435
Fluorides (as total F)	-	32.920	-	80.500
Halogenated organic compounds (as AOX)	-	5.910	-	69.300
Hydrochlorofluorocarbons (HCFCs)	3.109	-	-	-
Lead and compounds (as Pb)	-	256	-	-
Mercury and compounds (as Hg)	34	16	-	62
Naphthalene	-	-	-	2.470
Nickel and compounds (as Ni)	-	418	-	1.052
Nitrogen oxides	5.439.000	-	-	-
Nitrous oxide (N2O)	177.400	-	-	-
Non-methane volatile organic compounds (NMVOC)	774.000	-	-	-
Nonylphenol and Nonylphenol ethoxylates	-	-	-	24
Octylphenols and Octylphenol ethoxylates	-	-	-	9
PCDD + PCDF (dioxins + furans) (as Teq)	-	-	-	-
Phenols (as total C)	-	-	-	5.953
Polycyclic aromatic hydrocarbons (PAHs)	-	-	-	121
Sulphur oxides (SOX)	1.231.000	-	-	-
Tetrachloromethane (TCM)	286	-	-	-
Toluene	-	-	-	33.373
Total nitrogen	-	320.800	-	1.891.700
Total organic carbon(as total C or COD/3) (TOC)	-	607.000	-	15.739.200
Total phosphorus	-	12.390	-	318.690
Tributyltin and compounds	-	-	-	7
Trichloromethane	-	125	-	-
Vinyl chloride	43.300	38	-	361

Pollutant	Release to			Waste water
	air	water	soil	
Xylenes	-	-	-	1.850
Zinc and compounds (as Zn)	-	2.346	-	3.340