

**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: 2021

Last data update: 2023-11-30

Pollutant	Release to			Waste water
	air	water	soil	
1,2-dichloroethane (DCE-1,2)	3.700	-	-	15
Ammonia (NH3)	81.000	-	-	-
Arsenic and compounds (as As)	-	-	-	29
Benzene	-	-	-	2.540
Cadmium and compounds (as Cd)	-	14	-	-
Carbon dioxide (CO2)	8.979.000.000	-	-	-
Chlorides (as total Cl)	-	191.510.000	-	216.670.000
Chromium and compounds (as Cr)	-	-	-	434
Copper and compounds (as Cu)	-	174	-	3.169
Cyanides (as total CN)	-	695	-	620
Dichloromethane (DCM)	-	44	-	2.143
Ethyl benzene	-	-	-	164
Ethylene oxide	-	-	-	90
Fluoranthene	-	-	-	3
Fluorides (as total F)	-	37.370	-	90.800
Halogenated organic compounds (as AOX)	-	7.210	-	66.800
Hydrochlorofluorocarbons (HCFCs)	4.923	-	-	-
Lead and compounds (as Pb)	-	192	-	-
Mercury and compounds (as Hg)	11	8	-	16
Naphthalene	-	-	-	4.162
Nickel and compounds (as Ni)	-	358	-	1.291
Nitrogen oxides	5.361.000	-	-	-
Nitrous oxide (N2O)	220.700	-	-	-
Non-methane volatile organic compounds (NMVOC)	567.000	-	-	-
Nonylphenol and Nonylphenol ethoxylates	-	-	-	14
Octylphenols and Octylphenol ethoxylates	-	-	-	9
Organotin compounds (as total Sn)	-	194	-	-
PCDD + PCDF (dioxins + furans) (as Teq)	-	-	-	-
Phenols (as total C)	-	-	-	9.992
Polycyclic aromatic hydrocarbons (PAHs)	-	-	-	31
Sulphur oxides (SOX)	1.318.000	-	-	-
Tetrachloromethane (TCM)	310	-	-	-
Toluene	-	-	-	103.972
Total nitrogen	-	361.200	-	1.673.400
Total organic carbon(as total C or COD/3) (TOC)	-	549.800	-	15.802.600
Total phosphorus	-	6.080	-	392.660

Pollutant	Release to			Waste water
	air	water	soil	
Trichloromethane	-	125	-	-
Vinyl chloride	48.900	40	-	474
Xylenes	-	-	-	1.670
Zinc and compounds (as Zn)	-	2.373	-	4.531