

Emission of pollutants for Activity: Production on an industrial scale of basic organic chemicals: Basic plastic materials (polymers, synthetic fibre)

Pollutant amount in kg/year

Year: 2023

Last data update: 2026-03-26

Pollutant	Release to			Waste water
	air	water	soil	
1,2-dichloroethane (DCE-1,2)	256.580	-	-	27
Ammonia (NH3)	42.500	-	-	-
Arsenic and compounds (as As)	-	-	-	6
Carbon dioxide (CO2)	3.532.000.000	-	-	-
Chlorides (as total Cl)	-	17.700.000	-	111.640.000
Chlorine and inorganic compounds (as HCl)	10.400	-	-	-
Chlorofluorocarbons (CFCs)	304	-	-	-
Chromium and compounds (as Cr)	-	-	-	111
Copper and compounds (as Cu)	-	-	-	626
Cyanides (as total CN)	-	3.009	-	-
Dichloromethane (DCM)	-	-	-	56
Ethyl benzene	-	-	-	971
Fluorides (as total F)	-	18.320	-	14.300
Halogenated organic compounds (as AOX)	-	-	-	355.650
Hydrochlorofluorocarbons (HCFCs)	13	-	-	-
Hydro-fluorocarbons (HFCS)	554	-	-	-
Hydrogen cyanide (HCN)	4.143	-	-	-
Lead and compounds (as Pb)	-	-	-	30
Mercury and compounds (as Hg)	-	-	-	58
Nickel and compounds (as Ni)	-	98	-	400
Nitrogen oxides	1.793.000	-	-	-
Nitrous oxide (N2O)	47.900	-	-	-
Non-methane volatile organic compounds (NMVOC)	3.775.000	-	-	-
PCDD + PCDF (dioxins + furans) (as Teq)	-	-	-	-
Phenols (as total C)	-	-	-	88.223
Sulphur oxides (SOX)	281.000	-	-	-
Toluene	-	-	-	799
Total nitrogen	-	-	-	1.171.000
Total organic carbon(as total C or COD/3) (TOC)	-	474.600	-	17.294.100
Total phosphorus	-	5.060	-	72.090
Vinyl chloride	77.370	-	-	483
Xylenes	-	-	-	1.300
Zinc and compounds (as Zn)	-	11.395	-	629