

Home & Personal Care (HPC) Category data

This section shows a breakdown of environmental data for our Home & Personal Care (HPC) Category for the last six years, 2005–2010.

HPC category performance

The tables below show load per tonne of production, total emission loads and environmental fines. Production tonnage is also included in the total emission load tables.

Home & Personal Care Category – Load per tonne of production

Parameter	Unit	2005	2006	2007	2008	2009	2010
Chemical oxygen demand (COD)	kg/tonne	0.70	0.68	0.67	0.70	0.52	0.58
Hazardous waste	kg/tonne	0.61	0.64	0.67	0.90	1.25	0.69
Non-hazardous waste	kg/tonne	5.75	4.83	4.95	6.27	4.43	4.39
Water	m ³ /tonne	2.03	2.01	1.88	1.81	1.53	1.51
Energy	GJ/tonne	1.60	1.55	1.54	1.51	1.45	1.39
Carbon dioxide (CO ₂) from energy	kg/tonne	140.48	135.47	136.10	132.87	125.31	117.48

Boiler/Utilities oxides of sulphur (SOx)	kg/tonne	0.29	0.26	0.25	0.23	0.19	0.17
Ozone depleting potential	kg/tonne	0.00008	0.00006	0.00006	0.00007	0.00006	0.00005

Home & Personal Care Category – total emission load

Parameter	Unit	2005	2006	2007	2008	2009	2010
Production	10 ³ tonnes	9 686.7	10 041	10 071	9 512.9	9 466.3	10330.4
Chemical oxygen demand (COD)	10 ³ tonnes	6.76	6.85	6.71	6.64	4.92	5.96
Hazardous waste	10 ³ tonnes	5.9	6.4	6.7	8.5	11.9	7.1
Non-hazardous waste	10 ³ tonnes	55.5	48.5	49.9	59.6	41.9	45.4
Water	10 ⁶ m ³	19.6	20.1	18.9	17.2	14.5	15.6

Energy	10 ⁶ GJ	15.5	15.5	15.5	14.3	13.7	14.4
Carbon dioxide (CO ₂) from energy	10 ⁶ tonnes	1.4	1.4	1.4	1.3	1.2	1.2
Boiler/ Utilities oxides of sulphur (SO _x)	10 ³ tonnes	2.8	2.6	2.5	2.2	1.8	1.8
Ozone depleting potential	tonnes	0.7	0.6	0.6	0.7	0.6	0.5

Home & Personal Care Category Fines

Year	Number of sites reporting	Number of fines	Total cost of fines (€)
2005	115	2	440
2006	111	0	0
2007	104	1	9 718
2008	95	1	873
2009	94	0	0
2010	98	0	0

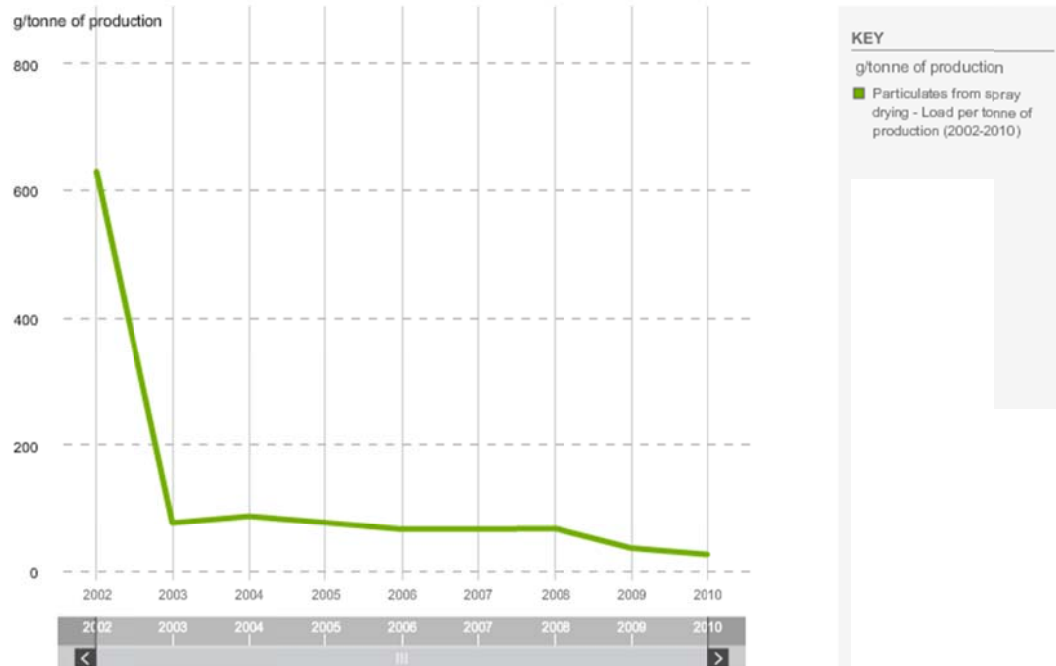
Specific Air Emission Parameters for Home & Personal Care Category Manufacturing Sites

We collect data from two processes used by our Home & Personal Care (HPC) category which produce emissions to air. These are: spray drying towers used to produce washing powder, and the production of sulphonic acid used in detergents.

Particulates from spray drying – Load per tonne of production (2002-2010)



Particulates from spray drying - Load per tonne of production (2002-2010)

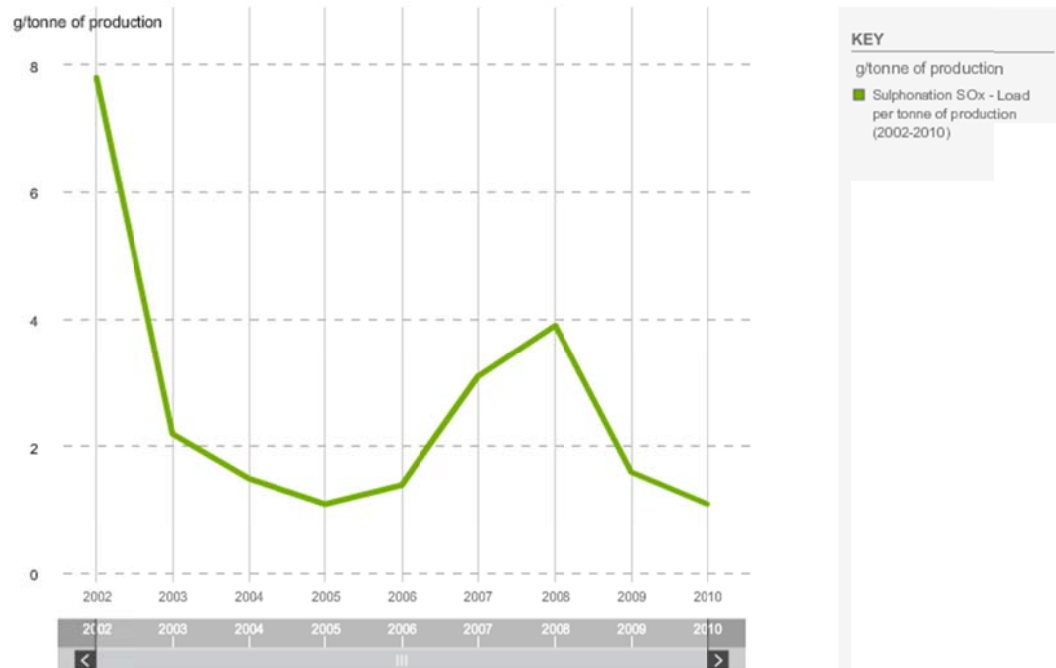


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Sulphonation SOx – Load per tonne of production (2002 – 2010)



Sulphonation SOx - Load per tonne of production (2002-2010)



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