



## Substances of Concern

### Restricted substances (emissions to air in kg)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
1,2 Dimethoxyethane	12	64	0	0	0	0	0	0	0	0	0	0	0	0
1-Methyl-2-Pyrrolindone (NMP CAS 872-50-4)	33	33	33	33	33	72	358	585	1,272	333	1,266	1,572	622	662
Arsenic and arsenic compounds	1	5	2	2	1	0	0	0	0	0	0	0	0	0
Chlorinated paraffins (C10-13 + C23)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHCs, specific	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanides	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Formaldehyde	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lead and lead compounds	5	1	2	3	2	2	2	0	0	0	0	0	0	0
Methanol	13	13	13	13	13	39	39	13	49	0	55	55	57	48
Nickel compounds	33	33	33	33	33	11	11	0	0	0	0	0	0	0
TMAH (CAS 75-59-2)	11	11	22	51	11	11	11	13	14	410	316	515	541	538

### Restricted substances (emissions to water in kg)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
1-Methyl-2-Pyrrolindone (NMP CAS 872-50-4)	22	22	22	22	22	74	0	0	0	0	35	26	34	31
Arsenic and arsenic compounds	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Beryllium and beryllium compounds	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlorinated paraffins (C10-13 + C23)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHCs, specific	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mixture 2-methyl-4-thiazol-3-one and 5-chloro-2-methyl-4-isothiazol-3-one (CAS 26172-55-4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mixture 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (CAS 55965-84-9)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Copper sulphate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanides	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Formaldehyde	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lead and lead compounds	13	15	12	13	18	13	12	1	5	4	4	2	2	3
Methanol	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nickel compounds	0	0	0	0	0	0	0	0	0	0	2	1	5	5
PFOS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silver powder	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMAH (CAS 75-59-2)	18,293	18,293	18,293	18,293	18,293	18,096	19,002	20,815	23,258	22,911	24,858	25,437	25,372	20,005

### Relevant substances (emissions to air in kg)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Ammonia (NH3)	7,713	7,326	6,419	6,243	5,929	5,408	5,982	5,997	6,060	5,971	5,187	2,262	1,836	2,247
Hydrofluoric acid	3,659	3,991	3,888	3,222	2,959	2,641	3,534	3,594	3,619	3,796	3,423	2,640	3,379	2,296
Nitric acid	2,730	2,544	2,329	2,337	123	818	832	1,443	1,370	1,085	850	1,044	752	611
Nitrogen oxides	89,204	99,899	103,773	79,145	87,207	94,597	97,020	98,095	98,292	95,227	93,661	94,919	99,232	86,080
Sulphur oxides	1,983	1,983	1,983	1,983	1,983	580	577	759	719	768	656	663	880	1,035
Volatile organic compounds	133,465	134,348	121,143	151,661	132,495	135,184	115,485	118,931	115,797	105,916	98,709	107,543	116,723	103,105

### Relevant substances (emissions to water in kg)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Ammonia (NH4+)	73,150	77,728	73,914	71,234	85,648	90,636	103,292	107,736	97,217	100,759	100,630	94,883	99,813	114,165
Bromine	2,705	2,776	3,066	862	741	726	918	1,106	1,224	1,607	1,837	1,763	1,865	1,872
Fluorine	19,921	25,055	24,308	19,027	21,623	21,695	17,396	19,478	17,472	15,702	18,578	20,335	22,694	21,062
Nitrate	150,457	172,259	155,729	125,990	150,317	156,225	155,546	146,829	146,156	160,587	140,907	170,489	159,550	185,812
Phosphate	140,717	135,559	129,771	133,154	147,450	144,154	170,296	159,275	153,115	155,762	151,001	158,260	162,738	154,123