



Summary report on exports and imports in 2012 of chemicals listed in Annex I to Regulation (EC) No 689/2008

In accordance with Article 9 of Regulation (EC) No 689/2008 of the European Parliament and the Council of 17 June 2008 concerning the export and import of dangerous chemicals, exporters and importers were required to provide their designated national authorities (DNAs) with information about trade in Annex I chemicals in 2012 by 31 March 2013. On the basis of this information, each Member State was requested to provide the Commission with aggregated information in accordance with Annex III to the Regulation so that the Commission can summarise that information at Union level and make non-confidential information publicly available on the Internet.

The purpose of this document is to present an overall summary of the information the Commission has received.

1. Export of chemicals

The following Member States reported trade activities and submitted data about exports in 2012 of Annex I chemicals: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Poland, Portugal, Slovenia, Spain, Sweden, the Netherlands and the United Kingdom. The following Member States reported that no chemicals were exported: Greece, Latvia, Lithuania, Romania and Slovakia. The remaining two Member States, Luxembourg and Malta did not provide any information.

166 exporters have provided data. On the basis of the information submitted by reporting Member States, the situation as regards EU exports in 2012 can be summarised as presented in table 1. It should be noted that in some cases (e.g. ethylene oxide) the chemicals concerned are double use chemicals for which industrial use is not subject to a ban or severe restriction within the EU, or in many importing countries. It is reasonable to assume that most exports of those chemicals were for such purposes.

Table 1: Exports of chemicals listed in Annex I to Regulation (EC) No 689/2008 in 2012

Chemicals	Quantity (tonnes)	Importing countries
1,2-Dichloroethane	451953	31
1,3-Dichloropropene	10004	17
Amitraz	97	9
Ametryn	74	3
Arsenic compounds	30	23
Atrazine	346541	11
Benzene	90099	45
Bifenthrin	6	10
Cadmium and its compounds	2176	34
Chloroform	48198	90
Chlorate	27431	12
Creosote and related substances	62715	16
Dichlorvos	54	5
Diphenylamine	5	34
DNOC and its salts	9939	14
Ethylene oxide	13595	42
Fenthion	323	14
Malathion	7977	32
Mercury and its compounds	67	58
Methomyl	148	24
Monuron	0.19	7
Nonylphenols	1477	35

Nonylphenol ethoxylates	17548	59
Permethrin	64	99
Tolyfluanid	125	20
Zineb	4149	40
Pesticides (1): 1,2-Dibromoethane, Benfuracarb, Calciferol, Chlorfenapyl, Fenarimol, Nicotine, PFOS and Thiodicarb.	997	21
Pesticides (2): Azinphos-methyl, Carbosulfan, Cholecalciferol, Phosalone, Propanil and Trifluralin.	6433	29
Pesticides (3): Anthraquinone, Cadusafos, Ferbam, Methidathion, Omethoate, Simazine and Tridemorph.	1066	38
Pesticides (4): Acephate, Carbaryl, Cyanamide, Dicofol containing etc <78% etc, Dieldrin, Methyl-parathion, Thiocyclam and Trichloron.	4647	38
Pesticides (5): Butralin, Carbofuran, Diazinon , Dichlobenil, Paraquat, Procymidone, Tributyltin compounds and Tricyclazole.	13915	36
Pesticides (6) : Ethalfluralin, Ethion, Fenitrothion, Fenpropathrin, Fenvalerate, Guazatine and guazatine acetate, Indolylacetic Acid, Metamidophos.	6495	15
Pesticides (7): Methyl bromide, Propisochlor, Simazine, Triorganostannic compounds, Vinclozolin.	1586	13
Industrial chemicals: 2-Naphthylamine, Benzidine derivatives, Carbon tetrachloride, Dinoseb and its salts and esters, Polybrominated biphenyls (PBB) and Tetraethyl lead.	2127	26

(In order to preserve commercial confidentiality some chemicals have been grouped randomly)

The breakdown of the exported quantities (in tonnes) reported in table 1 by broad geographic region, using the 5 UN regions (Africa (AF), Asian and Pacific States (AP), Central and Eastern Europe States (CEE), Latin American and Caribbean States (LAC) and Western Europe and other States (WEOG), is as presented in table 2.

Table 2: Exports of chemicals listed in Annex I to Regulation (EC) No 689/2008 to various geographical regions in 2012 (in tonnes)

Chemicals	AF	AP	CEE	LAC	WEOG
1,2-Dichloroethane	434	183207	24.6	0.7	21018
1,3-Dichloropropene	2998	67	-	247.5	6846
Amitraz	2	4.65	-	1997	0.5

Ametryn	5.8	73.7	-	-	-
Arsenic compounds	0.1	17.2	0.0025	3.8	7.41
Benzene	2888	2.3	15614	0.62	71593
Bifenthrin	6.12	0.1	0.00039	-	0.018
Cadmium and its compounds	0.06	1952	2	1	220
Chloroform	91	7306	2974	891	299
Chlorate	2849	6357	17353	-	873
Creosote and related substances	1761	2627	9213	13313	35902
Dichlorvos	54	0.1	-	-	0.1
Diphenylamine	4	0.5	0.06	0.2	0.5
DNOC and its salts	4703	2864	0.0025	-	2372
Ethylene oxide	389	4794	3	239	8169
Fenthion	51	247	15	-	10
Malathion	453	74	1027	4265	2197
Mercury and its compounds	2.87	44.87	0.07	6.91	12.36
Methomyl	94	23.92	24.37	-	6.27
Monuron	-	0.0044	0.0073	0.0261	0.151
Nonylphenols	2.08	386.46	218.04	77.49	196.95
Nonylphenol ethoxylates	1486	9796	38	3594	2633
Permethrin	6.47	42.5	0.89	8.13	6.48
Tolylfluanid	0.005	29.43	66.82	5.18	23.27
Zineb	17	3781	33	262	55
Pesticides (1): 1,2-Dibromoethane, Atrazine, Bifenthrin, Chlorfenapyl, Fenarimol, Nicotine, PFOS and Thiodicarb.	413	173	-	56	352

Pesticides (2): Azinphos-methyl, Carbosulfan, Cholecalciferol, Endosulfan, Maleic hydrazide and its salts, Phosalone, Propanil and Trifluralin.	65.84	225.37	65.56	223.5	5968.09
Pesticides (3): 2-Aminobutane, Anthraquinone, Chlorfenvinphos, Dicofol, Ferbam, Methidathion, Omethoate, Simazine and Tridemorph.	15.92	66.76	0.04	923.57	39.67
Pesticides (4): Acephate, Carbaryl, Cyanazine, Dieldrin, DNOC and its salts, Hexazinone, Methyl-parathion, Thiocyclam, and Trichlorfon.	503	293	22	2846	851
Pesticides (5): Butralin, Carbofuran, Diphenylamine, Paraquat, Procymidone, Triazophos, Tributyltin compounds and Tricyclazole.	154	2611	13	4985	6151
Pesticides (6) : Ethalfluralin, Ethion, Fenitrothion, Fenpropathrin, Fenvalerate, Guazatine and guazatine acetate, Indolylacetic Acid, Metamidophos.	50	5111	-	0.32	1319
Pesticides (7): Methyl bromide, Propisochlor, Simazine, Triorganostannic compounds, Vinclozolin.	0.001	803	430	123	229
Industrial chemicals : 2-Naphthylamine, Benzidine derivatives, Carbon tetrachloride, Dinoseb and its salts and esters, Hexachloroethane and Tetraethyl lead.	1406	736	0.018	81	3301

(In order to preserve commercial confidentiality some chemicals have been grouped randomly).

2. Imports of chemicals

The following 11 Member States have reported imports: Belgium, Bulgaria, Estonia, France, Germany, Italy, Poland, Portugal, Romania, Spain and the United Kingdom. The majority of the imports came from exporters in the USA, Switzerland and China.

Malta and Luxembourg did not provide any information. Austria, Cyprus, Czech Republic, Denmark, Greece, Finland, Hungary, Ireland, Lithuania, Latvia, Sweden, Slovakia, Slovenia and the Netherlands stated that no information on imports of dangerous chemicals was submitted to them. Since companies have a legal obligation to report the quantity of chemicals listed in Annex I that were imported into the EU, it can be assumed that no imports took place in the absence of any reports.

Table 3 lists the chemicals for which imported quantities of more than 10 kg have been reported. Chemicals have been grouped together to preserve commercial confidentiality.

Table 3: Imports of chemicals listed in Annex I to Regulation (EC) No 689/2008 in 2012

Chemicals	Quantity (tonnes)
Pesticides (1): 1,2- Dibromoethane, Acephate, Amitraz, Arsenic compounds, Omethoate, Thiocyclam, Bifenthrin, Diazinon, Endosulfan, Fenthion, Permethrin.	1108
Pesticides (2): 1,2-Dichloroethane, Dicofol, Malathion, Methomyl, Methidathion, Nicotine, Strychnine, Tricyclazole and Trichlorfon.	4938
Pesticides (3): 1,3-Dichloropropene, Anthraquinone, Carbaryl, Mercury compounds, Pentachlorophénol and Tributylin compounds.	1980
Pesticides (4): 1,1,1 – Trichloroethane, 2 – Naphthylamine, 2,4' – DDT, 2-aminobutane, 4 –Aminobiphenyl, Acetochlor, Cacodylate, Calciferol, Chlorobenzilate and Chlorthal-dimethyl.	190
Pesticides (5): Atrazine, Chlorfenapyr, Diphenylamine, Fenitrothion, Procymidone, Cholecalciferol, Cyanamid, Ethoxiquin, Fluorocetamide, Guazatine and guazatine acetate, Indolylacetic acid.	149
Pesticides (6): Chlorate, Dichlorvos, Ethylene oxide, Fenvalerate, Maleic hydrazide and its salts, Propanil, Triorganostannic compounds and Trifluralin.	7934
Industrial Chemicals (1): Asbestos fibres, Benzidine and its compounds, Carbon tetrachloride, Creosote and creosote related substances, Nonylphenols and Polybrominated biphenyls (PBBs).	2001
Industrial Chemicals (2): Benzene, Cadmium and its compounds, Chloroform, Hexachloroethane and Nonylphenol ethoxylates.	35380

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