



## **Summary report on exports and imports in 2010 of chemicals listed in Annex I to Regulation (EC) 689/2008**

In accordance with Article 9 of Regulation (EC) 689/2008 of the European Parliament and of 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 2010 by 31 March 2011. 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 the EU level and make the 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. Exports of chemicals**

The following Member States reported trade activities and submitted data about exports in 2010 of Annex I chemicals: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, the Netherlands, Poland, Romania, Portugal, Slovenia, Spain, Sweden and the United Kingdom. Some Member States reported that no chemicals were exported: Cyprus, Lithuania and Slovakia. The remaining two Member States Luxembourg and Malta did not provide any information.

147 exporters have provided data. On the basis of the information submitted by reporting Member States, the situation as regards EU exports in 2010 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 most exports were for such purposes.

Table 1: Exports of chemicals listed in Annex I to Regulation (EC) 689/2008 in 2010

<b>Chemicals</b>	<b>Quantity (tonnes)</b>	<b>Importing countries</b>
1,2-Dibromoethane	1278	16
1,2-Dichloroethane	440210	32
Ametryn	881	14
Amitraz	78	10
Arsenic compounds	400	30
Azinphos-metyl	105	4
Benzene	160888	50
Cadmium and its compounds	1794	39
Carbaryl	70	4
Carbofuran	13	3
Carbon tetrachloride	879	16
Chloroform	91272	92
Creosote and related substances	51111	30
Diazinon	45	15
Dinoseb	1003	6
Diuron	45	14
Endosulfan	147	4
Ethylene oxide	13466	27
Fenarimol	23	7
Hexachloroethane	32	3
Lindan	0.2	3
Malathion	3261	31
Methyl parathion	7059	8

<b>Chemicals</b>	<b>Quantity (tonnes)</b>	<b>Importing countries</b>
Mercury compounds	71	54
Nonylphenols	2608	42
Nonylphenol ethoxylates	18724	60
Permethrin	107	91
Phosalone	43	6
Tetraethyl lead	3465	14
Trichlorfon	115	7
Zineb	3231	29
Pesticides (1): Acephate, Calciferol, Isoxathion, Procymidone	5	4
Pesticides (2): Diarsenic Trioxide, DNOC and its salts, Fenvalerate, Vinclozolin	113	6
Pesticides (3): Atrazine, Ethion, Ferbam, Methidathion, Omethoate, Simazine, Thiocyclam, Tolyfluanid	6409	36
Pesticides (4): 2- Aminobutane, Carbosulfan, Chlorfenapyr, Chlorfenvinphos, Cyhalothrine, Dichlorvos, Fenitrothion, Hexazinone, Triazophos	176	18
Pesticides (5): 1,3-dichloropropene, Alachlor, Haloxyfop-R, Methomyl, Monuron	7717	47
Pesticides (5): Fenthion, Tributyltin, Tridemorph, Triorganostannic compounds	1754	32

(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)), was as presented in table 2.

Table 2: Exports of chemicals listed in Annex I to Regulation (EC) 689/2008 to various geographical regions in 2010 (in tonnes)

<b>Chemicals</b>	<b>AF</b>	<b>AP</b>	<b>CEE</b>	<b>LAC</b>	<b>WEOG</b>
1,2-Dibromoethane	300	492	0.1	54	432
1,2-Dichloroethane	5068	370710	16908	40	47483
Ametryn	200	98	0	583	0
Amitraz	1	47	0	28	2
Diazinon	4	13	22	3	3
Arsenic compounds	154	4	210	2	30
Azinphos-methyl	11	0	0	85	9
Benzene	123	12998	12483	1	135283
Cadmium and its compounds	38	1563	21	54	117
Carbaryl	52	18	0	0	0
Carbofuran	13	0	0	0	0
Carbon tetrachloride	0.2	851	0.5	0.4	27
Chloroform	128	67600	582	2660	20301
Creosote and related substances	1636	2252	4070	32	43121
Dinoseb	0	635	0	40	328
Diuron	11	12	0	21	0.3
Endosulfan	143	0	0	4	0
Ethylene oxide	130	116	7	42	13170
Fenarimol	0.5	0.5	22	0	0
Hexachloroethane	28	0	4	0	0
Lindan	0	0.1	0.1	0	0
Malathion	740	115	92	2285	30

<b>Chemicals</b>	<b>AF</b>	<b>AP</b>	<b>CEE</b>	<b>LAC</b>	<b>WEOG</b>
Methyl parathion	0	179	0	2139	4741
Mercury compounds	4	41	0.5	6	19
Nonylphenols	88	969	1035	211	304
Nonylphenol ethoxylates	4077	3220	69	7090	4267
Permethrin	7	46	8	5	41
Phosalone	0	31	12	0	0
Tetraethyl lead	953	1642	0	94	776
Trichlorfon	0	90	0	25	0
Zineb	100	2564	51	485	31
Pesticides (1): Acephate, Calciferol, Isoxathion, Procymidone	2	0	0.5	2.5	0
Pesticides (2): Diarsenic Trioxide, DNOC and its salts, Fenvalerate, Vinclozolin	0	3.6	0	1	108.4
Pesticides (3): Atrazine, Ethion, Ferbam, Methidathion, Omethoate, Simazine, Thiocyclam, Tolyfluanid	470	1007	160	2201	2571
Pesticides (4): 2- Aminobutane, Carbosulfan, Chlorfenapyr, Chlorfenvinphos, Cyhalothrine, Dichlorvos, Fenitrothion, Hexazinone, Triazophos	72.5	2	0	0.3	101
Pesticides (5): 1,3-dichloropropene, Alachlor, Haloxyfop-R, Methomyl, Monuron	3369	3133	76	504	635
Pesticides (6): Fenthion, Tributyltin, Tridemorph, Triorganostannic compounds	58	276	48	934	438

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

## 2. Imports of chemicals

As regards imports in 2010, 19 Member States have submitted information. Information on imports was obtained from Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Finland, Germany, Estonia, France, Greece, Ireland, Latvia, the Netherlands, Portugal, Slovakia, Spain, Slovenia, Romania and the United Kingdom. The majority of the imports came from exporters in the USA, Switzerland and China.

Austria, Hungary, Italy, Lithuania, Luxembourg, Malta, Poland and Sweden did not provide any information about imports of dangerous chemicals.

Bulgaria, Cyprus, Denmark, Greece, Finland, Ireland and Slovakia, either mentioned that they do not have information available on import or that there was no import of dangerous chemicals for the year 2010.

Table 3: Imports of chemicals listed in Annex I to Regulation (EC) 689/2008 in 2010

<b>Chemicals</b>	<b>Quantities (tonnes)</b>
Pesticides (1): 1,2-dibromoethane, Acephate, Atrazine, Endosulfan, Ethylene oxide, Methomyl, Thiocyclam, Trichlorfon	670
Pesticides (2): Arsenic Compounds, Cadusafos, Diuron, Malathion, Omethoate, Permethrin, Thallium sulphate, Tributyltin compounds	553
Pesticides (3): Amitraz, Butylamine, Carbofuran, Carbosulfan, Chlorfenapyr, Cholecalciferol, Diazinon, Dicofol, Fenitrothion, Simazine, Tridemorph	112
Pesticides (4): 2-aminobutane, Ametryn, Carbaryl, Chlorfenapyr, Chlorfenvinphos, Dichlorvos, Fenthion, Mercury compounds	255
Industrial Chemicals (1): 1,2-dichloroethane, Benzene, Benzidine and its salts, Carbon tetrachloride, Ethylene oxide, Hexachlorethane, PFOS, Polybrominated biphenyls, Triorgannostannic compounds	518
Industrial Chemicals (2): 2-naphtylamine, Anthraquinon, Asbestos, Cadmium and its compounds, Chloroform, Creosote and related substances, Naphthalene oil, Nonylphenols, Nonylphenol ethoxylates	35873