



Summary report on exports and imports in 2007 of chemicals listed in Annex I to Regulation (EC) 689/2008

In accordance with Article 9 of Regulation (EC) 689/2008, exporters and importers were required to provide their DNAs with information about trade in Annex I chemicals in 2007 by 31 March 2008. On the basis of this information, each Member State was requested to provide the Commission with aggregated information in accordance with Annex III of the Regulation so that the Commission can summarise this at Community level and make the non-confidential information publicly available on the internet. Regulation (EC) 689/2008 repealed the former Regulation (EC) 304/2003 which contained the same provisions and which was still in force at the time of the exports and the collection of the data.

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 2007 of Annex I chemicals: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Italy, the Netherlands, Poland, Romania, Slovenia, Spain, Sweden and the UK. Some Member States reported that no chemicals were exported: Cyprus, Hungary, Ireland, Lithuania, Portugal and Slovakia. The remaining Member States did not respond.

Around 150 exporters have provided data. On the basis of the information submitted by reporting Member States, the situation as regards EU exports in 2007 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 2007

Chemicals	Quantity (tonnes)	Importing countries
Arsenic compounds	151.35	7
1,2-Dichloroethane	127765.46	22
1,2-Dibromoethane	969.94	10
Benzene	22000.09	37
Cadmium and its compounds	813.68	36
Carbon tetrachloride	5016.29	17
Chloroform	66124.91	71
Creosote and related substances	47194.59	11
Endosulfan	2961.34	25
Ethylene oxide	9946.45	14
Fenthion	464.88	28
Mercury compounds	97.03	51
Nonylphenols	2774.81	18
Nonylphenol ethoxylates	9777.43	68
Permethrin	132.33	47
Pesticides (1): DNOC, Atrazine, Cyanazine, Simazine, Ferbam, Lindane and Zineb	2864.48	48
Pesticides (2): Ethion, Fenitrothion, Malathion, Methyl parathion, Diazinon, Diuron and Monuron	971.32	23
Pesticides (3): Amitraz, Bensultap, Chlorfenapyr, Cyhalothrine, Dicofol and Omethoate	115.37	30
Pesticides (4): Acephate, Amethryn, Cadusafos, Chlorfenvinphos, Methamidophos, Triazophos and Tridemorph	1658.46	30
Pesticides (5): 2-aminobutane, Carbofuran, Carbosulfan, Aldicarb, Furathiocarb, Thiodicarb and Thiocyclam	100.79	17
Industrial chemicals : Asbestos, Benzidine, Tetraethyl Lead and Triorganostannic compounds	5226.37	20

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

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 2007 (in tonnes)

Chemicals	AF	AP	CEE	LAC	WEOG
Arsenic compounds	35.86	90.92	-	-	24.57
1,2-Dichloroethane	251.94	55098.9	0.039	0.016	72414.57
1,2-Dibromoethane	385.89	554.05	-	-	30.00
Benzene	7.31	2.55	2687.06	2.98	19300.18
Cadmium and its compounds	34.07	381.89	1.90	92.50	303.92
Carbon tetrachloride	0.028	2947.59	1.52	2066.29	0.87
Chloroform	91.16	64263	1075.76	504.90	190.26
Creosote and related substances	2363.69	-	2855.26	12.80	41962.84
Endosulfan	474.71	791.64	0.67	1675.83	18.49
Ethylene oxide	13.45	7.48	0.90	14.79	9909.83
Fenthion	72.69	324.70	16.00	47.89	3.50
Mercury compounds	8.38	62.77	0.093	4.91	20.88
Nonylphenols	29.6	745.94	-	41.12	1958.15

Table 2: Exports of chemicals listed in Annex I to Regulation (EC) 689/2008 to various geographical regions in 2007 (in tonnes) (continued)

Chemicals	AF	AP	CEE	LAC	WEOG
Nonylphenol ethoxylates	3520.86	2352.04	124.22	1578.32	2202.01
Permethrin	6.02	32.16	1.41	63.74	29.01
Pesticides (1): DNOC, Atrazine, Cyanazine, Simazine, Ferbam, Lindane and Zineb	341.99	1624.96	64.3	677.11	156.13
Pesticides (2): Ethion, Fenitrothion, Malathion, Methyl parathion, Diazinon, Diuron and Monuron	52.33	97.71	53.88	551.84	215.55
Pesticides (3): Amitraz, Bensultap, Chlorfenapyr, Cyhalothrine, Dicofol and Omethoate	76.6	12.79	0.31	8.39	17.28
Pesticides (4): Acephate, Amethryn, Cadusafos, Chlorfenvinphos, Methamidophos, Triazophos and Tridemorph	162.63	154.77	-	1331.56	9.50
Pesticides (5): 2-aminobutane, Carbofuran, Carbosulfan, Aldicarb, Furathiocarb, Thiodicarb and Thiocyclam	44.35	3.76	-	25.56	27.12
Industrial Chemicals : Asbestos, Benzidine, Tetraethyl Lead and Triorganostannic compounds	1487.50	2920.08	10.01	161.23	647.55

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

2. Imports of chemicals

As regards imports in 2007, 15 Member States have reacted. Data on imports were obtained from Bulgaria, the Czech Republic, France, Germany, Ireland and Lithuania. The majority of the imports came from exporters in the USA, Switzerland and China.

Cyprus, Estonia, Finland, Greece, Hungary, Portugal, Romania, Slovakia and the UK stated that no information on imports of dangerous chemicals is available. Obviously this is the same for the remaining Member States. Therefore the data received provide only a partial view, but might give an indication.

For reasons of information, table 3 lists the chemicals for which more than 10 kg had been reported. Chemicals have been grouped together to preserve commercial confidentiality.

Table 3: Imports of chemicals listed in Annex I to Regulation (EC) 689/2008 in 2007

Chemicals	Quantities (tonnes)
Pesticides (1):Atrazine, Cyanazine, Permethrin and Simazine	606.45
Pesticides (2): Fenitrothion, Fenthion, Diazinon, Endosulfan and Mercury compounds	422.67
Pesticides (3): Amitraz, Calciferol, Carbaryl, Chlorfenapyr, Omethoate	129.57
Pesticides (4): Acephate, Ametryn, Cadusafos, Chlorfenvinphos, Chlormephos and Methamidophos	118.36
Pesticides (5): Aldicarb, Carbofuran, Carbosulfan, Furathiocarb, Thiocyclam and Thiodicarb	334.26
Industrial Chemicals (1): 1,1,1-Trichloroethane, 1,2-Dichloroethane, Benzene, Carbon tetrachloride, Chloroform	465.44
Industrial Chemicals (2): Asbestos, Benzidine and its salts, Creosote and related substances, Nonylphenol, Nonylphenol ethoxylates, Arsenic compounds	14210