



## **Summary report on exports and imports in 2009 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 2009 by 31 March 2010. 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.

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 2009 of Annex I chemicals: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, the Netherlands, Poland, Romania, Slovenia, Spain, Sweden and the UK. Some Member States reported that no chemicals were exported: Cyprus, Estonia, Latvia, Lithuania, Portugal and Slovakia. The remaining two Member States did not respond.

12 Member States provided detailed information on the exporters and reported that 144 exporters have provided data. On the basis of the information submitted by reporting Member States, the situation as regards EU exports in 2009 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 2009

<b>Chemicals</b>	<b>Quantity (tonnes)</b>	<b>Importing countries</b>
1,2-Dibromoethane	1186	14
1,2-Dichloroethane	426654	26
Benzene	104356	40
Cadmium and its compounds	1337	31
Carbon tetrachloride	1855	17
Chloroform	56830	84
Creosote and related substances	55007	14
Diuron	1983	61
Ethylene oxide	3518	25
Mercury compounds	110	27
Nonylphenols	1418	38
Nonylphenol ethoxylates	70807	58
Permethrin	72	62
Zineb	1823	41
Pesticides (1): Atrazine, Bensultap, Cadusafos, Dicofol, Dinoseb, Ferbam, Omethoate, Tolyfluanid and Simazine	6544	34
Pesticides (2): Arsenic compounds, Diazinon, Ethion, Iminoctadine, Methidathion, Methyl parathion and Thiocyclam	3669	32
Pesticides (3): Amitraz, Cyhalothrine, Dichlorvos, Endosulfan, Fenitrothion, Hexazinone, Triazophos and Malathion	5509	53
Pesticides (4): 2- Aminobutane, Ametryn, Carbaryl, Carbofuran, Carbosulfan, Chlorfenapyr, Chlorfenvinphos, Fenthion, Thiram and Tridemorph	1387	32
Pesticides (5): Alachlor, Azinphos-methyl, cis-1,3-dichloropropene, Haloxyfop-R, Monuron, Phosalone and Trichlorfon	1374	39
Industrial chemicals : Benzidine derivatives, Hexachlorethane, Perfluorooctane sulfonic acids, Tetraethyl Lead and Triorganostannic compounds	3545	31

(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 2009 (in tonnes)

<b>Chemicals</b>	<b>AF</b>	<b>AP</b>	<b>CEE</b>	<b>LAC</b>	<b>WEOG</b>
1,2-Dibromoethane	2	1	2	4	5
1,2-Dichloroethane	3	11	3	4	5
Benzene	6	15	4	10	5
Cadmium and its compounds	5	13	3	3	7
Carbon tetrachloride	0	6	4	3	4
Chloroform	23	27	12	13	9
Creosote and related substances	3	2	4	1	4
Diuron	10	21	5	16	9
Ethylene oxide	6	8	3	3	5
Mercury compounds	4	11	1	4	7
Nonylphenols	9	13	4	4	8
Nonylphenol ethoxylates	12	18	5	14	9
Permethrin	12	21	7	15	7
Zineb	11	11	7	7	5

Table 2: Exports of chemicals listed in Annex I to Regulation (EC) 689/2008 to various geographical regions in 2009 (in tonnes) (continued)

<b>Chemicals</b>	<b>AF</b>	<b>AP</b>	<b>CEE</b>	<b>LAC</b>	<b>WEOG</b>
Pesticides (1): Atrazine, Bensultap, Cadusafos, Dicofol, Dinoseb, Ferbam, Omethoate, Tolyfluanid and Simazine	8	11	3	5	7
Pesticides (2): Arsenic compounds, Diazinon, Ethion, Iminoctadine, Methidathion, Methyl parathion and Thiocyclam	10	9	4	5	4
Pesticides (3): Amitraz, Cyhalothrine, Dichlorvos, Endosulfan, Fenitrothion, Hexazinone, Triazophos and Malathion	15	18	4	10	6
Pesticides (4): 2- Aminobutane, Ametryn, Carbaryl, Carbofuran, Carbosulfan, Chlorfenapyr, Chlorfenvinphos, Fenthion, Thiram and Tridemorph	14	7	0	10	1
Pesticides (5): Alachlor, Azinphos-methyl, cis-1,3-dichloropropene, Haloxyfop-R, Monuron, Phosalone and Trichlorfon	8	13	5	6	7
Industrial chemicals : Benzidine derivatives, Hexachlorethane, Perfluorooctane sulfonic acids, Tetraethyl Lead and Triorganostannic compounds	7	11	3	3	7

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

## 2. Imports of chemicals

As regards imports in 2009, 17 Member States have submitted information. Data on imports were obtained from Cyprus, Czech Republic, Estonia, France, Germany, Latvia, Lithuania, the Netherlands, Portugal, Romania, Slovakia, Slovenia and Spain. The majority of the imports came from exporters in the USA, Switzerland and China.

Bulgaria, Finland, Greece and Ireland stated that no information on imports of dangerous chemicals was submitted to them. Obviously this is the same for the remaining Member States (Austria, Belgium, Denmark, Hungary, Italy, Poland, Sweden, United Kingdom). 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 2009

<b>Chemicals</b>	<b>Quantities (tonnes)</b>
Pesticides (1): Atrazine, Trichlorfon, 1,2-dibromoethane, Ethylene oxide and Endosulfan	148,63
Pesticides (2): Arsenic Compounds, Diuron, Permethrin, Thallium sulphate and Malathion	282,42
Pesticides (3): Amitraz, Carbofuran, Chlorfenapyr, Cholecalciferol, Diazinon, Dicofol, Fenitrothion, Tridemorph, Butylamine	128,735
Pesticides (4): Amethryn, Carbaryl, Chlorfenvinphos, Dichlorvos, Fenthion and Mercury compounds	160.39
Industrial Chemicals (1): 1,2-Dichloroethane, Benzene, Benzidine and its salts, Carbon tetrachloride, Hexachlorethane, PFOS and Triorgannostannic compounds	10620,71
Industrial Chemicals (2): 2-naphtylamine, Asbestos, Cadmium and its compounds, Chloroform, Creosote and related substances, Nonylphenols, Nonylphenol ethoxylates and, Naphthalene oil	21682,91