



**EUROPEAN COMMISSION**  
DIRECTORATE-GENERAL  
ENVIRONMENT  
Directorate B – Protecting the Natural Environment  
**ENV.B3 – Biotechnology, Pesticides and Health**

## **Summary report on exports in 2006 of chemicals listed in Annex I to Regulation (EC) 304/2003**

In accordance with Article 9 of Regulation 304/2003, exporters and importers were required to provide their DNAs with information about trade in Annex I chemicals in 2006 by 31 March 2007. On the basis of this information, each Member State was obliged to provide the Commission with aggregated information in accordance with Annex IV of the Regulation so that it 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.

### **Exports of chemicals**

The following Member States have submitted information about exports in 2006 of Annex I chemicals: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, the Netherlands, Poland, Slovakia, Slovenia, Spain, Sweden and UK. The following reported nil returns: Cyprus, Estonia and Portugal. The remaining Member States did not respond. Data provided on imports in 2006 of Annex I chemicals were very limited (some data from France, Germany, Czech Republic, Estonia, Cyprus, Finland, Ireland and the Netherlands).

Around 135 exporters have provided data. On the basis of the information submitted by reporting Member States, the situation as regards EU exports in 2006 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) 304/2003 in 2006

<b>Chemicals</b>	<b>Quantity (tonnes)</b>	<b>Importing countries</b>
Arsenic compounds	34.05	11
1,2-Dichloroethane	110610.96	24
1,2-Dibromoethane and 1,1, 1 -Trichloroethane	191.24	5
Benzene	93881.36	41
Benzidine and its salts	292.61	6
Cadmium and its compounds	810.82	40
Carbon tetrachloride	7842.30	15
Chloroform	52336.80	77
Creosote	7100.44	15
Endosulfan	2541.12	18
Ethylene oxide	14970.82	20
Fenthion	517.80	25
Mercury compounds	104.68	57
Nonylphenols	373.77	13
Nonylphenol ethoxylates	10561.36	68
Permethrin	39.00	31
Triorgannostannic compounds	1319.28	9
Pesticides (1): Aldicarb, Atrazine, Simazine, Ferbam, Lindane and Zineb	477.89	18
Other pesticides (2): Methidathion, Ethion, Methyl parathion and Cyhalothrine	886.86	15
Other pesticides (3): Dicofol, Bensultap, Omethoate and Thiocyclam	39.40	5
Other pesticides (4): Acephate, Amethryn, Hexachlorethane, Triazophos and Tridemorph	823.48	11
Other pesticides (5): 2-aminobutane, DNOC and Iminoctadine	54.49	3

(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) 304/2003 to various geographical regions in 2006 (in tonnes)

<b>Chemicals</b>	<b>AF</b>	<b>AP</b>	<b>CEE</b>	<b>LAC</b>	<b>WEOG</b>
Arsenic compounds	12.11	21.92	0.02	-	-
1,2-Dichloroethane	197.93	12603.21	5.24	5059.10	92745.50
1,2-Dibromoethane and 1,1,1-Trichloroethane	-	190.30	0.94	-	-
Benzene	9649.37	459.94	3248.15	15.71	80508.19
Benzidine and its salts	0.0021	0.0001	67.54	121.07	104.00
Cadmium and its compounds	50.87	517.43	8.58	98.43	135.51
Carbon tetrachloride	-	4156.26	2.45	2447.57	1236.02
Chloroform	3666.24	31649.8	11286.7	1878.88	3855.18
Creosote	2414.20	121.7	1900	20	2644.54
Endosulfan	183.95	753	74.6	1288.15	241.42
Ethylene oxide	23.31	7.87	2233.05	11.26	12695.39
Fenthion	67.12	338.82	56.06	48.3	7.5
Mercury compounds	8.90	75.15	1.89	7.05	11.70
Nonylphenols	13.60	69.50	37.4	7.98	245.29

Table 2: Exports of chemicals listed in Annex I to Regulation (EC) 304/2003 to various geographical regions in 2006 (in tonnes)(continued)

<b>Chemicals</b>	<b>AF</b>	<b>AP</b>	<b>CEE</b>	<b>LAC</b>	<b>WEOG</b>
Nonylphenol ethoxylates	1140.43	4071.91	2189.40	1439.56	1471.21
Permethrin	1.67	12.10	2.16	1.69	21.38
Triorganostannic compounds	6.21	725.49	-	-	587.57
Pesticides (1): Aldicarb, Atrazine, Simazine, Ferbam, Lindane and Zineb	13.97	269.25	-	95.65	0.8
Other pesticides (2): Methidathion, Ethion, Methyl parathion and Cyhalothrine	21.6	90.64	13.19	474.03	287.4
Other pesticides (3): Dicofol, Bensultap, Omethoate and Thiocyclam	4.33	-	35.16	-	-
Other pesticides (4): Acephate, Amethryn, Hexachlorethane, Triazophos and Tridemorph	4.98	163.72	-	634.78	20.00
Other pesticides (5): 2-aminobutane, DNOC and Iminoctadine	0.67	-	41.82	-	12.00

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

### **Imports of chemicals**

As regards imports in 2006, the available data are of very limited value for an aggregate EU level report and publication would not seem to be particularly useful.