



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
ENVIRONMENT
Directorate A - Green Economy
ENV.A.3 - Chemicals

Summary report on exports and imports in 2013 of chemicals listed in Annex I to Regulation (EC) No 689/2008

In accordance with Article 10 of Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals, exporters and importers were required to provide their designated national authorities (DNAs) with information about trade in Annex I chemicals in 2013 by 31 March 2014. 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. It should be noted that Regulation (EU) No 649/2012 has replaced Regulation (EC) No 689/2008 as of 1 March 2014. Consequently, the report for 2013 covers those chemicals that were listed in Annex I to Regulation (EC) No 689/2008.

1. Export of chemicals

The following Member States reported trade activities and submitted data about exports in 2013 of Annex I chemicals: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, The Netherlands and United Kingdom. The following Member States reported that no chemicals were exported: Cyprus, Estonia, Greece, Latvia, Lithuania, Luxembourg and Slovakia. The remaining Member State Malta did not provide any information.

173 exporters have provided data. On the basis of the information submitted by reporting Member States, the situation as regards EU exports in 2013 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 2013

Chemicals	Quantity (tonnes)	Importing countries
1,2 Dibromoethane	1,873	11
1,2 Dichloroethane	141,979	28
1,3 Dichloropropene	9,608	21
Amitraz	52	11
Arsenic and its compounds	34	42
Benzene	61,039	57
Cadmium and its compounds	1,106	45
Chlorate	91,409	27
Chloroform	60,630	93
Creosote (and related substances)	41,928	25
Dichlorvos	132	7
Diphenylamine	6	27
Ethylene Oxide	8,785	35
Malathion	7,827	32
Mercury compounds	88	65
Nonylphenols	211,754	55
Nonylphenols ethoxylated	64,909	55
Permethrin	215	93
Tributyltin chloride and compounds	1,540	14
Zineb	3,029	28
Pesticides (1): 2-Aminobutane; 2-Naphthyloxyacetic Acid; Acetochlor; Ametryn; Anthraquinone	2,573	13
Pesticides (2): Atrazine; Azinphos-methyl; Bifenthrin; Bis(Tri- N-Butyltin) Oxide; Butralin	2,592	22

Chemicals	Quantity (tonnes)	Importing countries
Pesticides (3): Calciferol; Chlorfenapyr; Chlorfenvinphos	69	10
Pesticides (4): Cyanamide; Cyhexatin; Cholecalciferol	6,246	35
Pesticides (5): Diazinon; Dichlobenil, Flufenoxuron	318	22
Pesticides (6): Dicofol; Ethalfluralin; Fenitrothion; Fenpropathrin; Fenthion	1,692	23
Pesticides (7): Ferbam; Methomyl; Methyl bromide	6,930	58
Pesticides (8): Methyl Parathion; Monuron	1,602	13
Pesticides (9): Nicotine; Omethoate; Paraquat	13,053	18
Pesticides (10): Phosalone; Procymidone; Propanil; Fenbutatin Oxide	108	13
Pesticides (11): Propisochlor; Thiobencarb; Thiocyclam; Simazine; Thiodicarb	877	14
Pesticides (12): Tolyfluanid; Triazophos; Trichlorfon; Tricyclazole; Tridemorph; Trifluralin	15,113	27
Industrial chemicals (1) : 1-naphthylamin and its salts; Benzidine and its salts and derivatives; Carbon tetrachloride	538	10
Industrial chemicals (2): Dinoseb; Perfluorooctane sulfonates (PFOS); Tetraethyl Lead	3,382	19

(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) 689/2008 to various geographical regions in 2013 (in tonnes)

Chemicals	AF	AP	CEE	LAC	WEOG
1,2 Dibromoethane	1,159	143	-	86	485
1,2 Dichloroethane	19,306	92,947	26	0.1	29,700

Chemicals	AF	AP	CEE	LAC	WEOG
1,3 Dichloropropene	5,657	111	-	185	3,655
Amitraz	12	34	-	0.5	4
Arsenic and its compounds	0.03	30	0.6	0.003	4
Benzene	2,185	5	8	0.6	51,919
Dichlorvos	53	0.1	-	-	79
Cadmium and its compounds	0.2	1,092	1.02	0.07	12
Chlorate	3,746	44,841	26,988	3,431	12,403
Chloroform	99	27,292	105	3,725	29,409
Creosote and related substances	998	273	5,169	4	2,269
Diphenylamine	0.04	1.5	0.1	0.3	5
Ethylene Oxide	241	1,295	4	139	7,104
Malathion	286	345	197	5,295	1,704
Mercury compounds	0.02	52	0.3	15	21
Nonylphenols	234	616	200,936	189	9,790
Nonylphenols ethoxylated	3,909	553,478	32	3,217	2,431
Permethrin	70	49	7	17	73
Tributyltin chloride and compounds	4	801	-	51	684
Zineb	-	2,345	221	354	108
Pesticides (1): 2-Aminobutane; 2-Naphthoxyacetic Acid; Acetochlor; Ametryn; Anthraquinone	114	318	72	1,935	137
Pesticide (2): Atrazine; Azinphos-methyl; Bifenthrin; Bis(Tri-N-Butyltin) Oxide; Butralin	567	107	214	1,605	99
Pesticides (3): Calciferol; Chlorfenapyr; Chlorfenvinphos	58	11	-	0.2	0.02
Pesticides (4): Cyanamide; Cyhexatin; Cholecalciferol	900	932	-	2,492	1,921
Pesticides (5): Diazinon; Dichlobenil; Flufenoxuron	12	281	-	25	0.3

Chemicals	AF	AP	CEE	LAC	WEOG
Pesticides (6): Dicofol; Ethalfluralin; Fenitrothion; Fenpropathrin; Fenthion	73	292	165	32	1,130
Pesticides (7): Ferbam; Methomyl; Methyl bromide	49	1,344	32	7,022	564
Pesticides (8): Methyl Parathion; Monuron	0.81	5.94	18	1,570	7.7
Pesticides (9): Nicotine; Omethoate; Paraquat	58	5,934	-	2,496	4,565
Pesticides (10): Phosalone; Procymidone; Propanil; Fenbutatin Oxide	16	29	48	-	15
Pesticides (11): Propisochlor; Thiobencarb; Thiocyclam; Simazine; Thiodicarb	29	4	607	142	95
Pesticides (12): Tolyfluanid; Triazophos; Trichlorfon; Tricyclazole; Tridemorph; Trifluralin	0.6	381	153	387	4,575
Industrial chemicals (1) : 1-naphthylamin ant its salts; Benzidine and its salts and derivatives; Carbon tetrachloride	-	315	0.08	0.0002	223
Industrial chemicals (2): Dinoseb; Perfluorooctane sulfonates (PFOS); Tetraethyl Lead	1,943	169	-	149	1,121

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

Imports of chemicals

The following 15 Member States have reported imports: Belgium, Bulgaria, Czech Republic, Estonia, France, Germany, Italy, Latvia, Luxembourg, The Netherlands, Poland, Portugal, Romania, Spain and the United Kingdom. The majority of the imports came from exporters in China, India, Tunisia, Switzerland and United States of America.

The Member States Austria, Denmark and Malta, did not provide any information on imports. Cyprus, Finland, Greece, Hungary, Ireland, Lithuania, Slovakia, Slovenia and Sweden stated that no information on imports of dangerous chemicals was submitted to them. Finally, one Member State did not provide the quantities of the chemicals imported. Therefore the data received do not provide an overall view, but might give an indication.

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) 689/2008 in 2013

Chemicals	Quantities (tonnes)
1,3-Dichloropropene	2,945
Arsenic compounds	252
Benzene	144,966
Benzidine, its salts and derivatives	932
Cadmium and its compounds	34
Chlorates	50
Chloroform	16
Diphenylamine	4,667
Ethylene Oxide	9,651
Mercury and its compounds	3
Nonylphenol Ethoxylated	6,525
Nonylphenols	58
Permethrin	124
Tributyltin compounds	0.4
Pesticides (1): Anthraquinone; Amitraz	28

Chemicals	Quantities (tonnes)
Pesticides (2): 1,2-dibromoethane; 2-aminobutane; Bifenthrin; Chlorfenapyr Technical	26
Pesticides (3) : Cyanamide; Diazinon	127
Pesticides (4) : Dichlorvos; Dicofol; Ethoxyquin; Flufenoxuron	40
Pesticides (5) : Evisect; Fenitrothion; Fenpropathrin; Fenthion; Indolylacetic Acid	74
Pesticides (6): Malathion; Maleic Hydrazide and its salts; Methomyl	239
Pesticides (7): Nicotine; Omethoate; Procymidone	14
Pesticides (8): Propanil; Propisochlor; Quintozene	462
Pesticides (9): Thiobencarb; Thiodicarb; Trichlorfon; Tricyclazole; Triorganostannic compounds	165
Industrial Chemicals (1): 1,2-Dichloroethane; Chrysotile; Tetraethyl lead	13,724
Industrial Chemicals (2): Carbon tetrachloride; Hexachloroethane; Polybrominated biphenyls	26

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