

## Form 2

### Dioxins and Furans

**Send filled form to  
UNEP Chemicals**

15, Chemin des Anémones - Case postale 356  
CH - 1219 Geneva, Switzerland  
Telephone: +41 22 979 91 11  
Facsimile: +41 22 797 34 60  
E-mail: irptc@unep.ch

<b><u>Country (or region)</u></b>	<b><u>Contact person</u></b>
Ireland	Colman Concannon

**▶ IMPORTANT: See instructions before filling the form ◀**

<b>SECTION 1.</b> Have studies been undertaken to identify the major sources of dioxins/furans in your country?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
--	--

**Comments:**

Dioxin levels were uniformly low in the national survey referred to below.

**Reference:**

Dioxins in the Irish Environment, An Assessment Based on Levels in Cow's Milk, Colman Concannon

**Date:**

1996

**SECTION 2.**

**POTENTIAL OR IDENTIFIED MAJOR SOURCES OF DIOXINS AND FURANS IN YOUR COUNTRY**

Sources	Quantity released per year	Relative importance Major/Minor	Alternative processes or techniques(e.g. cleaner technologies) known to you	Relative cost and effectiveness of the alternative techniques
Asphalt mixing installations	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
By-products of chlorinated substances manufacture	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Cable incineration	Not carried out	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Chemical industry	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Coal combustion	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Contaminated pesticides	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Forest/grass fire	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Fuel combustion	NA	Major <input type="checkbox"/> Minor <input type="checkbox"/>		



# POPs PROFILE INFORMATION REPORTING FORM



High temperature processes	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Wastes incineration	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Industrial processes	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Ironworks	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Landfill gas incineration	Not carried out	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Non-Fe metal industry oil combustion	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Other contaminated chemicals (e.g. PCBs)	None	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Pesticides	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Sintering processes	Not carried out	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Sludge incineration	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Steel industry	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Traffic emissions	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Transportation	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Waste incineration (Hazardous)	None	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Waste incineration (Municipal solid)	None	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Waste incineration (Medical solid)	None	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Wood combustion	NA	Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Other: _____		Major <input type="checkbox"/>		
_____		Minor <input type="checkbox"/>		

Comments:

There are plans to prepare estimates of some of these quantities in the near future.

### SECTION 3. RELEASE MONITORING

	Monitoring type	Short description( add separate page if needed)
<b>3.1</b>	Ambient air Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>3.2</b>	Ground water Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>3.3</b>	Surface water Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	



# POPs PROFILE INFORMATION REPORTING FORM



3.4	Point air Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	A small number of industries with "dioxin emitting potential" are required to carry out dioxin analysis in their emissions, levels below limits in all cases (see 4.3)
3.5	Point water Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.6	Soil Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	A few companies have carried out baseline studies either voluntarily or as part of IPC license conditions. A more detailed study was carried out in Limerick in 1994 following animal health complaints.*
3.7	Ecosystem Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	A nationwide environmental assessments based on levels in cow's milk was carried out in 1995.*
3.8	Human Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	A study funded by WHO on levels in human milk has been mooted but not yet carried out.
3.9	Agricultural commodity Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3.10	Food products Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	A nationwide study based on levels in cow's milk 1995*

**Comments:**

In all cases, levels have been found to be very low, i.e., at or near detection level.

**Data Source:**

Copies of studies marked \* are available through UNEP Chemicals.

**SECTION 4. REGULATORY ACTIONS TAKEN TO CONTROL THE USE OF THE POP**

	Action type to control the manufacture, importation, distribution in commerce, use or disposal	Short description (add separate page if needed)	Reference
4.1	Public health standards or regulations <input type="checkbox"/>		
4.2	Occupational standards or regulations <input type="checkbox"/>		
4.3	Environmental standards or regulations <input checked="" type="checkbox"/>	Control of Incineration of Hazardous Waste	SI 64 of 1998 (Regulations going effect to Council Direction 94/67/EC on Incineration of Hazardous Waste)
4.4	Guidance Document <input type="checkbox"/>		
4.5	Voluntary programme <input type="checkbox"/>		
4.6	Other (e.g., Governmental order) <input type="checkbox"/>		
4.7	No action <input type="checkbox"/>		

**Comments:**

Provisions of directives on prevention of pollution from municipal incinerators (89/369 and 89/429/EEC) not yet applicable, as there are no such incinerators in existence in Ireland.

**Data Source:**

SI 64 of 1998