

Form 2

Dioxins and Furans

**Send filled form to
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<p><u>Country (or region)</u></p> <p>Republic of Korea</p>	<p><u>Contact person</u></p> <p>Geum-Su Seog Head of Hazardous Substance Management Div., Ministry of Environment Tel. 82 2 504 9288 Fax: 82 2 504 6068</p>
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► IMPORTANT: See instructions before filling the form ◀

<p>SECTION 1. Have studies been undertaken to identify the major sources of dioxins/furans in your country?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>			
<p>SECTION 2. POTENTIAL OR IDENTIFIED MAJOR SOURCES OF DIOXINS AND FURANS IN YOUR COUNTRY</p>				
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		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
By-products of chlorinated substances manufacture		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Cable incineration		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Chemical industry		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Coal combustion		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Contaminated pesticides		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Forest/grass fire		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Fuel combustion		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
High temperature processes		Major <input type="checkbox"/> Minor <input type="checkbox"/>		
Wastes incineration		Major <input type="checkbox"/> Minor <input type="checkbox"/>		

Industrial processes		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Ironworks		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Landfill gas incineration		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Non-Fe metal industry oil combustion		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Other contaminated chemicals (e.g. PCBs)		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Pesticides		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Sintering processes		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Sludge incineration		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Steel industry		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Traffic emissions		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Transportation		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Waste incineration (Hazardous)		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Waste incineration (Municipal solid)	NA	Major <input checked="" type="checkbox"/>		
		Minor <input type="checkbox"/>		
Waste incineration (Medical solid)		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Wood combustion		Major <input type="checkbox"/>		
		Minor <input type="checkbox"/>		
Other: _____		Major <input type="checkbox"/>		
_____		Minor <input type="checkbox"/>		

SECTION 3. RELEASE MONITORING

	Monitoring type	Short description(add separate page if needed)
3.1	Ambient air Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.2	Ground water Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.3	Surface water Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.4	Point air Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The gases released from municipal incinerators are sampled and analysed 3 times a year. Gas chromatography and mass spectrometers are used in those analyses.
3.5	Point water Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.6	Soil Yes <input type="checkbox"/> No <input type="checkbox"/>	

3.7	Ecosystem Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.8	Human Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.9	Agricultural commodity Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.10	Food products Yes <input type="checkbox"/> No <input type="checkbox"/>	

Data Source:

Ministry of Environment Public Notice 96-49

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 type="checkbox"/>	Newly built municipal incinerators with incinerating capacity of 50 tonnes or more per day are subject to keep the level of dioxins at or below 0.1 ng-TEQ/Nm ² . Existing incinerators with the capacity of 50 tonnes per day are subject to keep the level at or below 0.5 ng- TEQ/Nm ² until June 2003. After June 2003, the level should be same as new incinerators'. This Act applies from July 19, 1997.	Waste Management Act
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"/>		