

Format for submitting pursuant to Article 8 of the Stockholm Convention the information specified in Annex E of the Convention

Introductory information	
Name of the submitting Party/observer	Poland, Ministry of the Environment
Contact details (name, telephone, e-mail) of the submitting Party/observer	Elżbieta Niemirydz (observer POPRC-1, reviewer PBDE) tel:+4858 6288201 e-mail: Elzbieta.Niemirydz@imgw.pl
Chemical name (as used by the POPS Review Committee (POPRC))	pentabromodiphenyl ether
Date of submission	27 January 2006

(a) Sources, including as appropriate (provide summary information and relevant references)	
(i) Production data:	According to actual knowledge PBDE has never been produced in Poland.
Quantity	
Location	
Other	In 2004 PBDE was imported from US (12850 kg)
(ii) Uses	
(iii) Releases:	There is no data about releases of PBDE from sources
Discharges	
Losses	
Emissions	
Other	

(b) Hazard assessment for endpoints of concern, including consideration of toxicological interactions involving multiple chemicals (provide summary information and relevant references)	

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(c) Environmental fate (provide summary information and relevant references)				
Chemical/physical properties				
Persistence				
How are chemical/physical properties and persistence linked to environmental transport, transfer within and between environmental compartments, degradation and transformation to other chemicals?				
Bio-concentration or bio-accumulation factor, based on measured values (unless monitoring data are judged to meet this need)	Content of PBDE in particular media and products¹			
	Matrix	Max	Min-Max	Dominate kongener
	Soil from un-polluted areas	< 100 pg/g s.m.		
	Soil (near plastic plants)	Higher than above		
	Bottom sediments		36 do 220 pg/g	BDE-99 and BDE-47
	Sewage sludge	29ng/g		
	Salomon tissue	5.53 ng/g		BDE-47
	Herring tissue		2.16 - 4.33ng/g	BDE-47
	Another not salt-water fish tissue		0.29 do 0.75ng/g	BDE-47
<p>¹Analysis of PBDE in sediments, soil and tissues (2004) dr Ryszard Chrzaszcz (project manager from Cracow University of Technology) chrzaszcz@usk.edu.pl tel.: (+4812) 628 27 13 or prof. Adam Grochowalski agrochow@chemia.pk.edu.pl tel.: (+4812) 628 21 12 fax: (+4812) 628 20 36; Mobline phone: kom: +48602500878</p>				

(d) Monitoring data (provide summary information and relevant references)

(e) Exposure in local areas (provide summary information and relevant references)	
- general	
- as a result of long-range environmental transport	
- information regarding bio-availability	

(f) National and international risk evaluations, assessments or profiles and labelling information and hazard classifications, as available (provide summary information and relevant references)

(g) Status of the chemical under international conventions