

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	United States of America
Contact details (name, telephone, e-mail) of the submitting Party/observer	Christina Thompson Tel: 202-564-0983 thompson.christina@epa.gov
Chemical name (as used by the POPS Review Committee (POPRC))	Hexabromobiphenyl (HBB)
Date of submission	January 27, 2006

(a) Sources, including as appropriate (provide summary information and relevant references)	
(i) Production data:	Commercial production of PBBs began in approximately 1970, and manufacture was discontinued in the United States in 1976 following a contamination episode that occurred in Michigan in 1973-1974. ATSDR, 2004. Toxicological Profile for Polybrominated Biphenyls and Polybrominated Diphenyl Ethers. http://www.atsdr.cdc.gov/toxprofiles/tp68.html Regulated under TSCA section 5(a)(2), HBB is subject to reporting a significant new use notice for any use. 40 CFR 721.1790
Quantity	
Location	
Other	
(ii) Uses	Prior to termination of production, hexabromobiphenyl was used as a fire retardant mainly in thermoplastics for constructing business machine housings and in industrial and electrical products. ATSDR, 2004. Toxicological Profile for Polybrominated Biphenyls and Polybrominated Diphenyl Ethers. http://www.atsdr.cdc.gov/toxprofiles/tp68.html
(iii) Releases:	
Discharges	
Losses	
Emissions	
Other	

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(b) Hazard assessment for endpoints of concern, including consideration of toxicological interactions involving multiple chemicals (provide summary information and relevant references)	
<p>ATSDR, 2004. Toxicological Profile for Polybrominated Biphenyls and Polybrominated Diphenyl Ethers. http://www.atsdr.cdc.gov/toxprofiles/tp68.html</p>	

(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)	

(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	<p>At a training workshop held in August 2005, the OECD presented a multimedia model (OECD/UNEP Pov and LRTP Assessment Software</p>

environmental transport - information regarding bio-availability	Tool) proposed for assessing chemicals for high environmental persistence and long range transport potential. Overall persistence (Pov) and LRTP modeling, using this new OECD model or other available models, should be conducted for HBB and included in a revised proposal. Models offer the promise of integrating information in a way that deepens understanding and bolsters the case for long-range atmospheric transport. The link for the guidance document (no. 45): http://www.olis.oecd.org/olis/2004doc.nsf/LinkTo/env-jm-mono(2004)5
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(f) National and international risk evaluations, assessments or profiles and labelling information and hazard classifications, as available (provide summary information and relevant references)

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(g) Status of the chemical under international conventions

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