



POPs Chemicals

Hexabromobiphenyl

CAS No. 36355-01-8; 59536-65-1; 67774-32-7

Full Name: Hexabromo-1,1'-biphenyl

Synonyms: Hexabromobiphenyl; biphenyl, hexabromo; 1,1'- biphenyl, hexabromo -; HBB

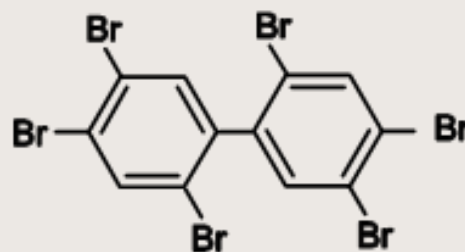
Trade Name: FireMaster(R) BP-6; FireMaster(R) FF-1

Uses: Hexabromobiphenyl was used as a fire retardant in three main commercial products: acrylonitrilebutadiene-styrene (ABS) thermoplastics for constructing business machine housings and in industrial (e.g. motor housing), and electrical (e. g. radio and TV parts) products; as a fire retardant in coatings and lacquers; and in polyurethane foam for auto upholstery.

Stockholm Convention: Hexabromobiphenyl is listed in Annex A to the Stockholm Convention without specific exemptions (decision SC-4/13).

Hazards and risks to human health and the environment:

The chemical is highly persistent in the environment, highly bioaccumulative and has a strong possibility for long-range environmental transport. As hexabromobiphenyl is classified as a possible human carcinogen and has other chronic toxic effects.



Reference

1. Risk profile on hexabromobiphenyl. Persistent Organic Pollutants Review Committee 2006; UNEP/POPS/POPRC.2/17/Add.3
2. Risk management evaluation for hexabromobiphenyl. Persistent Organic Pollutants Review Committee 2007; UNEP/POPS/POPRC.3/20/Add.3



Secretariat of the Basel, Rotterdam and Stockholm Conventions
11-13, Chemin des Anémones
1219 Châtelaine, Switzerland
Tel: +41 22 917 8271
Email: brs@brsmeas.org
Website: www.pops.int



STOCKHOLM CONVENTION

UN 
environment
programme