

## SC-7/12: Listing of hexachlorobutadiene

*The Conference of the Parties,*

*Having considered* the risk profile and the risk management evaluation for hexachlorobutadiene as transmitted by the Persistent Organic Pollutants Review Committee,<sup>1</sup>

*Taking note* of the recommendation by the Persistent Organic Pollutants Review Committee to list hexachlorobutadiene in Annexes A and C to the Convention,<sup>2</sup>

*Decides* to amend part I of Annex A to the Stockholm Convention on Persistent Organic Pollutants to list hexachlorobutadiene therein without specific exemptions by inserting the following row:

Chemical	Activity	Specific exemption
Hexachlorobutadiene (CAS No: 87-68-3)	Production	None
	Use	None

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<sup>1</sup> UNEP/POPS/POPRC.8/16/Add.2 and UNEP/POPS/POPRC.9/13/Add.2.

<sup>2</sup> UNEP/POPS/COP.7/19.

## SC-7/13: Listing of pentachlorophenol and its salts and esters

*The Conference of the Parties,*

*Having considered* the risk profile and the risk management evaluation for pentachlorophenol and its salts and esters as transmitted by the Persistent Organic Pollutants Review Committee,<sup>1</sup>

*Taking note* of the recommendation by the Persistent Organic Pollutants Review Committee to list pentachlorophenol and its salts and esters in Annex A to the Convention with specific exemptions for the production and use of pentachlorophenol for utility poles and cross-arms,<sup>2</sup>

1. *Decides* to amend part I of Annex A to the Stockholm Convention on Persistent Organic Pollutants to list pentachlorophenol and its salts and esters therein with specific exemptions for production as allowed for the parties listed in the register of specific exemptions and for the use of pentachlorophenol for utility poles and cross-arms by inserting the following row:

Chemical	Activity	Specific exemption
Pentachlorophenol and its salts and esters	Production	As allowed for the parties listed in the Register in accordance with the provisions of part VIII of this Annex
	Use	Pentachlorophenol for utility poles and cross-arms in accordance with the provisions of part VIII of this Annex

2. *Also decides* to insert a new note (vi) in part I of Annex A, as follows:

(vi) Pentachlorophenol (CAS No: 87-86-5), sodium pentachlorophenate (CAS No: 131-52-2 and 27735-64-4 (as monohydrate)) and pentachlorophenyl laurate (CAS No: 3772-94-9), when considered together with their transformation product pentachloroanisole (CAS No: 1825-21-4), were identified as persistent organic pollutants;

3. *Further decides* to insert a new part VIII in Annex A as follows:

### Part VIII

#### Pentachlorophenol and its salts and esters

Each Party that has registered for the exemption pursuant to Article 4 for the production and use of pentachlorophenol for utility poles and cross-arms shall take the necessary measures to ensure that utility poles and cross-arms containing pentachlorophenol can be easily identified by labelling or other means throughout their life cycles. Articles treated with pentachlorophenol should not be reused for purposes other than those exempted.

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<sup>1</sup> UNEP/POPS/POPRC.9/13/Add.3 and UNEP/POPS/POPRC.10/10/Add.1.

<sup>2</sup> UNEP/POPS/COP.7/20.

## SC-7/14: Listing of polychlorinated naphthalenes

*The Conference of the Parties,*

*Having considered* the risk profile and the risk management evaluation for chlorinated naphthalenes as transmitted by the Persistent Organic Pollutants Review Committee,<sup>1</sup>

*Taking note* of the recommendation by the Persistent Organic Pollutants Review Committee to list dichlorinated naphthalenes, trichlorinated naphthalenes, tetrachlorinated naphthalenes, pentachlorinated naphthalenes, hexachlorinated naphthalenes, heptachlorinated naphthalenes and octachlorinated naphthalene in Annexes A and C to the Convention,<sup>2</sup>

1. *Decides* to amend part I of Annex A to the Stockholm Convention on Persistent Organic Pollutants to list therein polychlorinated naphthalenes, including dichlorinated naphthalenes, trichlorinated naphthalenes, tetrachlorinated naphthalenes, pentachlorinated naphthalenes, hexachlorinated naphthalenes, heptachlorinated naphthalenes, octachlorinated naphthalene, with specific exemptions for production of those chemicals as intermediates in production of polyfluorinated naphthalenes, including octafluoronaphthalene, and the use of those chemicals for the production of polyfluorinated naphthalenes, including octafluoronaphthalene, by inserting the following row:

Chemical	Activity	Specific exemption
Polychlorinated naphthalenes, including dichlorinated naphthalenes, trichlorinated naphthalenes, tetrachlorinated naphthalenes, pentachlorinated naphthalenes, hexachlorinated naphthalenes, heptachlorinated naphthalenes, octachlorinated naphthalene	Production	Intermediates in production of polyfluorinated naphthalenes, including octafluoronaphthalene
	Use	Production of polyfluorinated naphthalenes, including octafluoronaphthalene

2. *Also decides* to amend part I of Annex C to the Convention to list therein polychlorinated naphthalenes, including dichlorinated naphthalenes, trichlorinated naphthalenes, tetrachlorinated naphthalenes, pentachlorinated naphthalenes, hexachlorinated naphthalenes, heptachlorinated naphthalenes, octachlorinated naphthalene, by inserting "Polychlorinated naphthalenes, including dichlorinated naphthalenes, trichlorinated naphthalenes, tetrachlorinated naphthalenes, pentachlorinated naphthalenes, hexachlorinated naphthalenes, heptachlorinated naphthalenes, octachlorinated naphthalene" in the "Chemical" table in a new line below "polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)" and by inserting "polychlorinated naphthalenes, including dichlorinated naphthalenes, trichlorinated naphthalenes, tetrachlorinated naphthalenes, pentachlorinated naphthalenes, hexachlorinated naphthalenes, heptachlorinated naphthalenes, octachlorinated naphthalene," after "polychlorinated dibenzo-p-dioxins and dibenzofurans" in the first paragraph of parts II and III of Annex C.

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<sup>1</sup> UNEP/POPS/POPRC.8/16/Add.1 and UNEP/POPS/POPRC.9/13/Add.1.

<sup>2</sup> UNEP/POPS/COP.7/18.

## SC-8/10: Listing of decabromodiphenyl ether

*The Conference of the Parties,*

*Having considered* the risk profile, the risk management evaluation and the addendum to the risk management evaluation for decabromodiphenyl ether (commercial mixture, c-decaBDE) as transmitted by the Persistent Organic Pollutants Review Committee,<sup>1</sup>

*Taking note* of the recommendation by the Persistent Organic Pollutants Review Committee that decabromodiphenyl ether (BDE-209) of c-decaBDE be listed in Annex A to the Convention with specific exemptions,<sup>2</sup>

1. *Decides* to amend part I of Annex A to the Stockholm Convention on Persistent Organic Pollutants to list decabromodiphenyl ether (BDE-209) present in commercial decabromodiphenyl ether therein, with specific exemptions for the production and use of commercial decabromodiphenyl ether, by inserting the following row:

Chemical	Activity	Specific exemption
Decabromodiphenyl ether (BDE-209) present in commercial decabromodiphenyl ether (CAS No: 1163-19-5)	Production	As allowed for the Parties listed in the Register
	Use	In accordance with Part IX of this Annex: <ul style="list-style-type: none"><li>• Parts for use in vehicles specified in paragraph 2 of Part IX of this Annex</li><li>• Aircraft for which type approval has been applied for before December 2018 and has been received before December 2022 and spare parts for those aircraft</li><li>• Textile products that require anti-flammable characteristics, excluding clothing and toys</li><li>• Additives in plastic housings and parts used for heating home appliances, irons, fans, immersion heaters that contain or are in direct contact with electrical parts or are required to comply with fire retardancy standards, at concentrations lower than 10 per cent by weight of the part</li><li>• Polyurethane foam for building insulation</li></ul>

2. *Also decides* to insert a new part IX in Annex A, as follows:

### Part IX

#### Decabromodiphenyl ether

1. The production and use of decabromodiphenyl ether shall be eliminated except for Parties that have notified the Secretariat of their intention to produce and/or use it in accordance with Article 4.

2. Specific exemptions for parts for use in vehicles may be available for the production and use of commercial decabromodiphenyl ether limited to the following:

- (a) Parts for use in legacy vehicles, defined as vehicles that have ceased mass production, and with such parts falling into one or more of the following categories:
  - (i) Powertrain and under-hood applications such as battery mass wires, battery interconnection wires, mobile air-conditioning (MAC) pipes, powertrains, exhaust manifold bushings, under-hood insulation, wiring

<sup>1</sup> UNEP/POPS/POPRC.10/10/Add.2; UNEP/POPS/POPRC.11/10/Add.1; UNEP/POPS/POPRC.12/11/Add.4.

<sup>2</sup> UNEP/POPS/COP.8/13.

and harness under hood (engine wiring, etc.), speed sensors, hoses, fan modules and knock sensors;

- (ii) Fuel system applications such as fuel hoses, fuel tanks and fuel tanks under body;
- (iii) Pyrotechnical devices and applications affected by pyrotechnical devices such as air bag ignition cables, seat covers/fabrics (only if airbag relevant) and airbags (front and side);
- (iv) Suspension and interior applications such as trim components, acoustic material and seat belts.

(b) Parts in vehicles specified in paragraphs 2 (a) (i)–(iv) above and those falling into one or more of the following categories:

- (i) Reinforced plastics (instrument panels and interior trim);
- (ii) Under the hood or dash (terminal/fuse blocks, higher-amperage wires and cable jacketing (spark plug wires));
- (iii) Electric and electronic equipment (battery cases and battery trays, engine control electrical connectors, components of radio disks, navigation satellite systems, global positioning systems and computer systems);
- (iv) Fabric such as rear decks, upholstery, headliners, automobile seats, head rests, sun visors, trim panels, carpets.

3. The specific exemptions for parts specified in paragraph 2 (a) above shall expire at the end of the service life of legacy vehicles or in 2036, whichever comes earlier.

4. The specific exemptions for parts specified in paragraph 2 (b) above shall expire at the end of the service life of vehicles or in 2036, whichever comes earlier.

5. The specific exemptions for spare parts for aircraft for which type approval has been applied for before December 2018 and has been received before December 2022 shall expire at the end of the service life of those aircraft.

## SC-8/11: Listing of short-chain chlorinated paraffins

*The Conference of the Parties,*

*Having considered* the risk profile and the risk management evaluation for short-chain chlorinated paraffins as transmitted by the Persistent Organic Pollutants Review Committee,<sup>1</sup>

*Taking note* of the recommendation by the Persistent Organic Pollutants Review Committee that short-chain chlorinated paraffins be listed in Annex A to the Convention with controls to limit the presence of short-chain chlorinated paraffins in other chlorinated paraffin mixtures, with or without specific exemptions,<sup>2</sup>

1. *Decides* to amend part I of Annex A to the Stockholm Convention on Persistent Organic Pollutants to list short-chain chlorinated paraffins therein, with specific exemptions, by inserting the following row:

Chemical	Activity	Specific exemption
Short-chain chlorinated paraffins (Alkanes, C <sub>10-13</sub> , chloro)*: straight-chain chlorinated hydrocarbons with chain lengths ranging from C <sub>10</sub> to C <sub>13</sub> and a content of chlorine greater than 48 per cent by weight	Production	As allowed for the Parties listed in the Register
	Use	<ul style="list-style-type: none"><li>• Additives in the production of transmission belts in the natural and synthetic rubber industry</li><li>• Spare parts of rubber conveyor belts in the mining and forestry industries</li><li>• Leather industry, in particular fatliquoring in leather</li><li>• Lubricant additives, in particular for engines of automobiles, electric generators and wind power facilities, and for drilling in oil and gas exploration and petroleum refining to produce diesel oil</li><li>• Tubes for outdoor decoration bulbs</li><li>• Waterproofing and fire-retardant paints</li><li>• Adhesives</li><li>• Metal processing</li><li>• Secondary plasticizers in flexible polyvinyl chloride, except in toys and children's products</li></ul>
For example, the substances with the following CAS numbers may contain short-chain chlorinated paraffins: CAS No. 85535-84-8; CAS No. 68920-70-7; CAS No. 71011-12-6; CAS No. 85536-22-7; CAS No. 85681-73-8; CAS No. 108171-26-2.		

2. *Also decides* to insert a new note (vii) in part I of Annex A, as follows:

- (vii) Note (i) does not apply to quantities of a chemical that has a plus sign (“+”) following its name in the “Chemical” column in Part I of this Annex that occurs in mixtures at concentrations greater than or equal to 1 per cent by weight.

<sup>1</sup> UNEP/POPS/POPRC.11/10/Add.2 and UNEP/POPS/POPRC.12/11/Add.3.

<sup>2</sup> UNEP/POPS/COP.8/14.

## SC-8/12: Listing of hexachlorobutadiene

*The Conference of the Parties,*

*Having considered* the risk profile and the risk management evaluation for hexachlorobutadiene, as well as the evaluation of new information in relation to listing hexachlorobutadiene in Annex C to the Convention, as transmitted by the Persistent Organic Pollutants Review Committee,<sup>1</sup>

*Taking note* of the recommendation by the Persistent Organic Pollutants Review Committee that hexachlorobutadiene be listed in Annex C to the Convention and the conclusion of the evaluation of new information on unintentional production of hexachlorobutadiene,<sup>2</sup>

*Decides* to amend part I of Annex C to the Convention to list hexachlorobutadiene therein by inserting “Hexachlorobutadiene (CAS No: 87-68-3)” in the “Chemical” table of the Annex and by inserting “hexachlorobutadiene” in the first paragraph of parts II and III of the Annex.

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<sup>1</sup> UNEP/POPS/POPRC.8/16/Add.2; UNEP/POPS/POPRC.9/13/Add.2; UNEP/POPS/POPRC.12/11/Add.5.

<sup>2</sup> UNEP/POPS/COP.8/15.