
HOUSE BILL 1024

State of Washington

60th Legislature

2007 Regular Session

By Representatives Hunter, Priest, Kessler, B. Sullivan, Dickerson, Jarrett, Hasegawa, Campbell, Rodne, Rolfes, McDermott, McIntire, Chase, Green, Hudgins, Upthegrove, Quall, Conway, Clibborn, Sommers, Morrell, Sells, Kenney, Haigh, Cody, Hunt, Lantz, McCoy, Appleton, Pettigrew, Schual-Berke, Roberts, Fromhold, Takko, Simpson, P. Sullivan, Lovick, Flannigan, Moeller, Miloscia, Williams, Blake, O'Brien, Linville, Wood, Goodman, Seaquist, Springer, Ericks, Kagi, Darneille, Dunshee, Strow, Pedersen, Eickmeyer, McCune and Ormsby; by request of Department of Ecology

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1 AN ACT Relating to phasing out the use of polybrominated diphenyl
2 ethers; adding a new chapter to Title 70 RCW; and prescribing
3 penalties.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

5 NEW SECTION. **Sec. 1.** Polybrominated diphenyl ethers (PBDEs) have
6 been used extensively as flame retardants in a large number of common
7 household products for the past thirty years. Studies on animals show
8 that PBDEs can impact the developing brain, affecting behavior and
9 learning after birth and into adulthood, making exposure to fetuses and
10 children a particular concern. Levels of PBDEs are increasing in
11 people, and in the environment, particularly in North America. Because
12 people can be exposed to these chemicals through house dust and indoor
13 air as well as through food, it is important to phase out their use in
14 common household products, provided that effective flame retardants
15 that are safer and technically feasible are available at a reasonable
16 cost.

17 NEW SECTION. **Sec. 2.** The definitions in this section apply
18 throughout this chapter unless the context clearly requires otherwise.

- 1 (1) "Comestible" means edible.
- 2 (2) "Commercial decabromo diphenyl ether" or "commercial deca-bde"
3 means the chemical mixture of decabromo diphenyl ether, including
4 associated polybrominated diphenyl ether impurities not intentionally
5 added.
- 6 (3) "Department" means the department of ecology.
- 7 (4) "Electronic enclosure" means the plastic housing that encloses
8 the components of electronic products, including but not limited to
9 televisions and computers.
- 10 (5) "Manufacturer" means any person, firm, association,
11 partnership, corporation, governmental entity, organization, or joint
12 venture that produces a product containing polybrominated diphenyl
13 ethers or an importer or domestic distributor of a noncomestible
14 product containing polybrominated diphenyl ethers. A manufacturer does
15 not include a retailer who:
- 16 (a) Adds a private label brand or cobrands a product for sale; or
17 (b) Assembles components to create a single noncomestible product
18 based on an individual consumer preference.
- 19 (6) "Mattress" has the same meaning as defined by the United States
20 consumer product safety commission in 16 C.F.R. Part 1633 (2007) and
21 includes mattress pads, mattress sets, box springs, futons, crib
22 mattresses, and youth mattresses.
- 23 (7) "Medical device" means an instrument, machine, implant, or
24 diagnostic test used to help diagnose a disease or other condition or
25 to cure, treat, or prevent disease.
- 26 (8) "Polybrominated diphenyl ethers" or "PBDEs" means chemical
27 forms that consist of diphenyl ethers bound with bromine atoms.
28 Polybrominated diphenyl ethers include, but are not limited to, the
29 three primary forms of the commercial mixtures known as pentabromo
30 diphenyl ether (penta-bde), octabromo diphenyl ether (octa-bde), and
31 decabromo diphenyl ether (deca-bde).
- 32 (9) "Residential upholstered furniture" means residential seating
33 products intended for indoor use in a home or other dwelling intended
34 for residential occupancy that consists in whole or in part of
35 resilient cushioning materials enclosed within a covering consisting of
36 fabric or related materials, if the resilient cushioning materials are
37 sold with the item of upholstered furniture and the upholstered

1 furniture is constructed with a contiguous upholstered seat and back
2 that may include arms.

3 (10) "Retailer" means a person who offers a product for sale at
4 retail through any means including, but not limited to, remote
5 offerings such as sales outlets, catalogs, or the internet, but does
6 not include a sale that is a wholesale transaction with a distributor
7 or a retailer. A retailer does not include a person, firm,
8 association, partnership, corporation, governmental entity,
9 organization, or joint venture that both manufactures and sells a
10 product at retail.

11 (11) "Technically feasible" means an alternative that is available
12 at a cost and in sufficient quantity to permit the manufacturer to
13 produce an economically viable product.

14 (12) "Transportation vehicle" means a mechanized vehicle that is
15 used to transport goods or people including, but not limited to,
16 airplanes, automobiles, motorcycles, trucks, buses, trains, boats,
17 ships, streetcars, or monorail cars.

18 (13) "Used product" means a product that has been previously owned,
19 purchased, or sold in commerce, provided it was manufactured before the
20 effective date of the ban.

21 NEW SECTION. **Sec. 3.** This chapter does not apply to:

22 (1) Products containing deca-bde except as provided in sections
23 4(2) and 5 of this act;

24 (2) The sale or distribution of any used transportation vehicle
25 manufactured before January 1, 2008, with component parts containing
26 PBDEs;

27 (3) The sale of any used transportation vehicle parts, or new
28 transportation vehicle parts manufactured before January 1, 2008, that
29 contain PBDEs;

30 (4) The manufacture, sale, repair, distribution, maintenance,
31 refurbishment, or modification of equipment containing PBDEs and used
32 primarily for military or federally funded space program applications.
33 The exemption in this subsection (4) does not cover consumer-based
34 goods with broad applicability;

35 (5) Safety systems required by the federal aviation administration;

36 (6) The manufacture, sale, repair, distribution, maintenance,

1 refurbishment, or modification of any new raw material or component
2 part used in a transportation vehicle with component parts, including
3 original spare parts, containing deca-bde;

4 (7) The use of commercial deca-bde in the maintenance,
5 refurbishment, or modification of transportation equipment;

6 (8) The sale or distribution of any used product containing PBDEs;

7 (9) The manufacture, sale, or distribution of any new product or
8 product component consisting of recycled or used materials containing
9 deca-bde;

10 (10) The manufacture, sale, or distribution of new carpet cushion
11 made from recycled foam containing less than one-tenth of one percent
12 penta-bde; or

13 (11) Medical devices.

14 NEW SECTION. **Sec. 4.** (1) Except as provided in sections 3 and 12
15 of this act, after January 1, 2008, no person may manufacture,
16 knowingly sell, offer for sale, distribute for sale, or distribute for
17 use in this state noncomestible products containing PDBEs.

18 (2) Except as provided in sections 3 and 12 of this act, after
19 January 1, 2008, no person may manufacture, knowingly sell, offer for
20 sale, distribute for sale, or distribute, for use in this state,
21 mattresses containing deca-bde.

22 NEW SECTION. **Sec. 5.** Except as provided in sections 3, 7, and 12
23 of this act, after January 1, 2011, no person may manufacture,
24 knowingly sell, offer for sale, distribute for sale, or distribute, for
25 use in this state, residential upholstered furniture that contains
26 commercial deca-bde or any television or computer that has an
27 electronic enclosure that contains commercial deca-bde.

28 NEW SECTION. **Sec. 6.** (1) By December 15, 2008, the department and
29 the department of health shall review risk assessments, scientific
30 studies, and other relevant findings regarding alternatives to the use
31 of commercial deca-bde in residential upholstered furniture,
32 televisions, and computers.

33 (2)(a) If the department and the department of health jointly find
34 that safer and technically feasible alternatives are available for any

1 of these uses, the department shall convene a fire safety committee to
2 determine if the identified alternatives meet applicable fire safety
3 standards.

4 (b) A representative from the department shall chair the fire
5 safety committee and serve as an ex officio nonvoting member.

6 (c) A majority vote of the fire safety committee members
7 constitutes a finding that an alternative meets applicable fire safety
8 standards.

9 (d) The fire safety committee consists of the following five voting
10 members or designees:

11 (i) The director of fire protection;

12 (ii) The executive director of the Washington fire chiefs;

13 (iii) The executive secretary of the Washington fire commissioners
14 association;

15 (iv) The president of the Washington state council of firefighters;
16 and

17 (v) The president of the Washington state firefighters association.

18 (3) If the fire safety committee determines that an alternative
19 identified under subsection (2)(a) of this section meets applicable
20 fire safety standards, the effective date of the ban is the date
21 established in section 5 of this act.

22 (4) If the fire safety committee determines that no alternative
23 identified under subsection (2)(a) of this section meets applicable
24 fire safety standards, the ban established in section 5 of this act
25 does not take effect and the department shall proceed as required in
26 section 7 of this act.

27 (5) The department and the department of health shall document
28 their findings and the findings of the fire safety committee in a
29 report to the legislature by December 15, 2008. The report must also
30 include any additional evidence of the potential harm posed by deca-
31 bde.

32 NEW SECTION. **Sec. 7.** (1) If the department and the department of
33 health jointly find, by December 15, 2008, that an effective flame
34 retardant that is safer than commercial deca-bde and technically
35 feasible for use in residential upholstered furniture, televisions, or
36 computers is not available or if the fire safety committee finds that
37 an alternative to commercial deca-bde does not meet applicable fire

1 safety standards, the department shall by rule grant an exemption to
2 allow for the manufacture, sale, or distribution of products prohibited
3 from manufacture, sale, or distribution under section 5 of this act.

4 (2) If the department grants an exemption under subsection (1) of
5 this section, the department and the department of health shall
6 evaluate the exemption annually. When an effective flame retardant
7 that is safer and technically feasible becomes available, the
8 department shall convene the fire safety committee to determine if the
9 identified alternative meets applicable fire safety standards. If the
10 fire safety committee makes such a finding, the agencies shall report
11 these findings to the legislature by December 15th of the year in which
12 the finding is made. The department shall subsequently rescind the
13 exemption granted under subsection (1) of this section no earlier than
14 two years after this report is submitted to the legislature.

15 NEW SECTION. **Sec. 8.** The department and the department of health
16 shall review risk assessments, scientific studies, and other relevant
17 findings regarding alternatives to the use of commercial deca-bde in
18 products not directly addressed in this chapter. If a flame retardant
19 that is safer and technically feasible becomes available, the
20 department shall convene the fire safety committee to determine if the
21 identified alternative meets applicable fire safety standards. A
22 report on findings of these assessments must be presented to the
23 appropriate committees of the legislature by December 15th of the year
24 in which the finding is made.

25 NEW SECTION. **Sec. 9.** Nothing in this chapter restricts the
26 ability of a manufacturer, importer, or distributor from transporting
27 products containing PBDEs through the state, or storing the products in
28 the state for later distribution outside the state.

29 NEW SECTION. **Sec. 10.** A manufacturer of products containing PBDEs
30 that are restricted under this chapter must notify persons that sell
31 the manufacturer's products in this state about the provisions of this
32 chapter no less than ninety days prior to the effective date of the
33 restrictions.

1 appropriate assistance to the manufacturer in complying with this
2 chapter. If, after one year, compliance is not achieved, penalties may
3 be assessed under subsection (3) of this section.

4 (2) A manufacturer that produces, sells, or distributes a product
5 prohibited from manufacture, sale, or distribution in this state under
6 this chapter shall recall the products and reimburse the retailer or
7 any other purchaser for the product and any applicable shipping and
8 handling for returning the products.

9 (3) A manufacturer of products containing PBDEs in violation of
10 this chapter is punishable by a civil penalty not to exceed one
11 thousand dollars for each violation in the case of a first offense.
12 Manufacturers who are repeat violators are liable for a civil penalty
13 not to exceed five thousand dollars for each repeat offense. Penalties
14 collected under this section must be deposited in the state toxics
15 control account created in RCW 70.105D.070.

16 NEW SECTION. **Sec. 14.** The department may adopt rules to fully
17 implement this chapter.

18 NEW SECTION. **Sec. 15.** Sections 1 through 14 of this act
19 constitute a new chapter in Title 70 RCW.

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