

111<sup>TH</sup> CONGRESS  
2<sup>D</sup> SESSION

# H. R. 5820

To amend the Toxic Substances Control Act to ensure that the public and the environment are protected from risks of chemical exposure, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

JULY 22, 2010

Mr. RUSH (for himself, Mr. WAXMAN, Ms. CASTOR of Florida, Ms. DEGETTE, Ms. SCHAKOWSKY, and Mr. SARBANES) introduced the following bill; which was referred to the Committee on Energy and Commerce

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## A BILL

To amend the Toxic Substances Control Act to ensure that the public and the environment are protected from risks of chemical exposure, and for other purposes.

1        *Be it enacted by the Senate and House of Representa-*  
2        *tives of the United States of America in Congress assembled,*

3        **SECTION 1. SHORT TITLE.**

4        This Act may be cited as the “Toxic Chemicals Safety  
5        Act of 2010”.

6        **SEC. 2. FINDINGS, POLICY, AND GOAL.**

7        (a) FINDINGS, POLICY, AND GOAL.—Section 2 of the  
8        Toxic Substances Control Act (15 U.S.C. 2601) is amend-  
9        ed—

1           (1) by striking “**INTENT**” in the section head-  
2           ing and inserting “**GOAL**”; and

3           (2) by striking subsections (a) through (c) and  
4           inserting the following:

5           “(a) FINDINGS.—Congress finds that—

6           “ (1) the chemical industry is an important part  
7           of the United States economy and provides valuable  
8           products that are used in diverse manufacturing in-  
9           dustries and other commercial, institutional, and  
10          consumer applications;

11          “(2) more than 3 decades after the enactment  
12          of the Toxic Substances Control Act, the public and  
13          the environment in the United States are still ex-  
14          posed to thousands of chemicals whose safety has  
15          not been adequately reviewed;

16          “(3) biomonitoring reveals that people in the  
17          United States have many hazardous chemicals in  
18          their bodies;

19          “(4) the potential for adverse effects from  
20          chemical exposures is modulated by developmental  
21          changes in metabolism, physiology, and pathways of  
22          exposure, with increased potential for adverse effects  
23          from exposures that occur in utero, during infancy,  
24          and during other critical periods of development;

1           “(5) there is significant global trade in the  
2 chemical sector and many of the companies that con-  
3 duct business in the United States must also comply  
4 with chemical safety regulatory programs in other  
5 countries, and the data that are generated to comply  
6 with these other regulatory programs may be useful  
7 in understanding the hazards of and exposures to  
8 chemicals in the United States; and

9           “(6) a revised policy on the safety of chemicals  
10 will assist in renewing the manufacturing sector of  
11 the United States, create new and safer jobs, spur  
12 innovations in green chemistry, restore confidence  
13 domestically and internationally in the safety of  
14 products of the United States, and ensure that prod-  
15 ucts of the United States remain competitive in the  
16 global market.

17           “(b) POLICY.—It is the policy of the United States—

18           “(1) to protect the health of children, workers,  
19 consumers, and the public, and to protect the envi-  
20 ronment from adverse effects of exposures to chemi-  
21 cals;

22           “(2) to promote the use of safer alternatives  
23 and other actions that reduce use of and exposure  
24 to hazardous chemicals and reward innovation in de-  
25 veloping safer chemicals, processes, and products;

1           “(3) to require that all chemicals in commerce  
2 meet a risk-based safety standard that protects dis-  
3 proportionately vulnerable and affected populations  
4 and the environment;

5           “(4) to require manufacturers and processors to  
6 provide sufficient health and environmental informa-  
7 tion for the chemicals which they manufacture or  
8 process as a condition of allowing distribution of  
9 such chemicals in commerce;

10           “(5) to improve the quality of information on  
11 chemical safety and use;

12           “(6) to guarantee the right of the public and  
13 workers to know about the risks associated with  
14 chemicals that they may be exposed to by maxi-  
15 mizing public access to information on such chemi-  
16 cals;

17           “(7) to strengthen cooperation between and  
18 among the Federal Government and State, munic-  
19 ipal, tribal, and foreign governments;

20           “(8) to ensure the Administrator has the au-  
21 thority to develop sufficient information to assess  
22 chemical safety, and to act effectively when the Ad-  
23 ministrator obtains information that indicates there  
24 are risks of harmful chemical exposure; and

1           “(9) to replace, reduce, and refine testing on  
2           animals by promoting and funding the development  
3           of more efficient test methods and strategies.

4           “(c) GOAL.—It is the goal of the United States to  
5           protect health and the environment by addressing expo-  
6           sure to harmful chemicals distributed in commerce, includ-  
7           ing exposure of vulnerable or disproportionately affected  
8           populations, by—

9                   “(1) determining whether all chemicals in com-  
10           merce meet the safety standard under this title;

11                   “(2) restricting the manufacture, processing,  
12           use, distribution in commerce, or disposal of a chem-  
13           ical, where warranted; and

14                   “(3) encouraging the replacement of harmful  
15           chemicals and processes with safer alternatives.”.

16           (b) CONFORMING AMENDMENT.—The table of con-  
17           tents for the Toxic Substances Control Act is amended  
18           by amending the item relating to section 2 to read as fol-  
19           lows:

          “Sec. 2. Findings, policy, and goal.”.

20   **SEC. 3. DEFINITIONS AND DETERMINATIONS.**

21           (a) DEFINITIONS AND DETERMINATIONS.—Section 3  
22           of the Toxic Substances Control Act (15 U.S.C. 2602) is  
23           amended—

24                   (1) by striking—

1 **“SEC. 3. DEFINITIONS.**

2 “As used in this Act:” and inserting the following:

3 **“SEC. 3. DEFINITIONS AND DETERMINATIONS.**

4 “(a) DEFINITIONS.—As used in this Act:”;

5 (2) in subsection (a), (relating to definitions, as  
6 designated by paragraph (1))—

7 (A) in paragraph (2)—

8 (i) in subparagraph (A)—

9 (I) by striking “Except as pro-  
10 vided in subparagraph (B), the term”  
11 and inserting “The term”;

12 (II) in clause (i), by striking  
13 “and” after “nature,”;

14 (III) in clause (ii), by striking  
15 the period at the end and inserting “,  
16 and”;

17 (IV) by adding at the end the fol-  
18 lowing new clause:

19 “(iii) any form of a substance determined  
20 by the Administrator to be a chemical sub-  
21 stance under subsection (b)(1).”; and

22 (ii) in subparagraph (B)—

23 (I) by striking clause (ii) and in-  
24 serting the following:

1 “(ii) any alcoholic beverage (as de-  
2 fined in section 214 of the Federal Alcohol  
3 Administration Act),”;

4 (II) in clause (iii), by striking  
5 “product,” inserting “product (as de-  
6 fined in section 201 of the Federal  
7 Food, Drug, and Cosmetic Act), and”;  
8 and

9 (III) by striking clauses (v) and  
10 (vi) and the matter following clause  
11 (vi);

12 (B) in paragraph (4)—

13 (i) by striking “or” after “or article;”;

14 and

15 (ii) by inserting “; or to export or  
16 offer for export the substance, mixture, or  
17 article, except for demonstrated use solely  
18 as a pesticide (as defined in the Federal  
19 Insecticide, Fungicide, and Rodenticide  
20 Act), food, food additive, drug, cosmetic, or  
21 device (as such terms are defined in sec-  
22 tion 201 of the Federal Food, Drug, and  
23 Cosmetic Act) and including poultry, poul-  
24 try products, meat, meat food products (as  
25 defined in section 1(j) of the Federal Meat

1 Inspection Act), eggs, and egg products (as  
2 defined in section 4 of the Egg Products  
3 Inspection Act)” after “article after its in-  
4 troduction into commerce”;

5 (C) in paragraph (5), by inserting “ambi-  
6 ent and indoor” after “includes water,”;

7 (D) in paragraph (7), by inserting “, ex-  
8 cept for demonstrated use solely as a pesticide  
9 (as defined in the Federal Insecticide, Fun-  
10 gicide, and Rodenticide Act), food, food addi-  
11 tive, drug, cosmetic, or device (as such terms  
12 are defined in section 201 of the Federal Food,  
13 Drug, and Cosmetic Act) and including poultry,  
14 poultry products, meat, meat food products (as  
15 defined in section 1(j) of the Federal Meat In-  
16 spection Act), eggs, and egg products (as de-  
17 fined in section 4 of the Egg Products Inspec-  
18 tion Act)” after “produce, or manufacture”;

19 (E) in paragraph (9), by striking “which is  
20 not included in the chemical substance list com-  
21 piled and published under section 8(b)” and in-  
22 serting “for which no declaration has been sub-  
23 mitted under section 8(a)(2), except that, with  
24 respect to the first year after the date of enact-  
25 ment of the Toxic Chemicals Safety Act of



1           2010, such term shall not include a chemical  
2           substance distributed in commerce as of such  
3           date of enactment”;

4                   (F) in paragraph (10), after subparagraph  
5           (B), by adding the following:

6           “Except such term shall not include preparation for  
7           demonstrated use solely as a pesticide (as defined in  
8           the Federal Insecticide, Fungicide, and Rodenticide  
9           Act), food, food additive, drug, cosmetic, or device  
10          (as such terms are defined in section 201 of the  
11          Federal Food, Drug, and Cosmetic Act) and includ-  
12          ing poultry, poultry products, meat, meat food prod-  
13          ucts (as defined in section 1(j) of the Federal Meat  
14          Inspection Act), eggs, and egg products (as defined  
15          in section 4 of the Egg Products Inspection Act).  
16          Relabeling or redistributing a container holding a  
17          chemical substance or mixture where no repackaging  
18          of the chemical substance or mixture occurs does not  
19          constitute processing of the chemical substance or  
20          mixture. Relabeling, redistributing, or repackaging  
21          an article containing a chemical substance or mix-  
22          ture, including incorporating the article into another  
23          article, does not constitute processing of the chem-  
24          ical substance or mixture.”.

1 (G) by striking paragraph (12) and redesi-  
2 gnating paragraphs (13) and (14) as para-  
3 graphs (12) and (13), respectively; and

4 (H) by adding at the end the following new  
5 paragraphs:

6 “(14) The term ‘adverse effect’ means a chem-  
7 ical or biochemical change, anatomic change, or  
8 functional impairment, or a known precursor to such  
9 a change or impairment, that—

10 “(A) has the potential to impair the per-  
11 formance of an anatomic structure of a vital  
12 system of an organism or progeny of an orga-  
13 nism;

14 “(B) causes irreversible change in the ho-  
15 meostasis of an organism;

16 “(C) increases the susceptibility of an or-  
17 ganism or progeny of an organism to other  
18 chemical or biological stressors or reduces the  
19 ability of an organism or progeny of an orga-  
20 nism to respond to additional health or environ-  
21 mental challenges; or

22 “(D) affects, alters, or harms the environ-  
23 ment such that the health of humans or other  
24 organisms is directly or indirectly threatened.

1 In order to reflect best available science, the Admin-  
2 istrator may, by rule, revise the definition of such  
3 term for purposes of this Act in such a way that re-  
4 flects the state of the science and provides for equal  
5 or greater protection of health and the environment.

6 “(15) The term ‘aggregate exposure’ means all  
7 exposure from—

8 “(A) manufacture, processing, distribution,  
9 use, and disposal;

10 “(B) manufacturing or processing of the  
11 substance for use as a pesticide, food, food ad-  
12 ditive, drug, cosmetic, or device;

13 “(C) contamination of food, air, water,  
14 soil, house dust, and any other environmental  
15 media from current or prior uses or activity;

16 “(D) permitted sources of pollution;

17 “(E) nonpoint sources of pollution; and

18 “(F) documented background levels from  
19 natural and anthropogenic sources.

20 “(16) The term ‘bioaccumulative’ means, with  
21 respect to a chemical substance or mixture, that the  
22 chemical substance or mixture, as determined by the  
23 Administrator, can significantly accumulate in biota,  
24 as indicated through monitoring data, or is highly  
25 likely to accumulate in biota, as indicated by other

1 evidence. In order to reflect best available science,  
2 the Administrator may, by rule, revise the definition  
3 of such term for purposes of this Act in such a way  
4 that reflects the state of the science and provides for  
5 equal or greater protection of health and the envi-  
6 ronment.

7 “(17) The term ‘chemical identity’ means, with  
8 respect to a chemical substance—

9 “(A) each common and trade name of the  
10 chemical substance;

11 “(B) the name of the chemical substance  
12 appearing in International Union of Pure and  
13 Applied Chemistry nomenclature and 9th Col-  
14 lective Index format;

15 “(C) the Chemical Abstracts Service reg-  
16 istration number of the chemical substance; and

17 “(D) the molecular structure and the mo-  
18 lecular identity of the chemical substance.

19 “(18) The term ‘cumulative exposure’ means  
20 the sum of aggregate exposure to—

21 “(A) each of the chemical substances that  
22 are known or, where supported by scientific  
23 consensus, suspected to contribute appreciably  
24 to the risk of the same adverse effect; and

1           “(B) mixtures containing chemical sub-  
2           stances described in subparagraph (A).

3           “(19) The term ‘Federal agency’ means any de-  
4           partment, agency, or other instrumentality of the  
5           Federal Government, any independent agency or es-  
6           tablishment of the Federal Government including  
7           any Government corporation, and the Government  
8           Printing Office.

9           “(20) The term ‘importer’ means any person  
10          who imports a chemical substance or mixture, or any  
11          article containing a chemical substance or mixture,  
12          for distribution in commerce.

13          “(21) The term ‘persistent’ means, with respect  
14          to a chemical substance or mixture, that the chem-  
15          ical substance or mixture, as determined by the Ad-  
16          ministrator, significantly persists in 1 or more envi-  
17          ronmental media, as indicated by monitoring data or  
18          other evidence. In order to reflect best available  
19          science, the Administrator may, by rule, revise the  
20          definition of such term for purposes of this Act in  
21          such a way that reflects the state of the science and  
22          provides for equal or greater protection of health  
23          and the environment.

24          “(22) The term ‘substance characteristic’  
25          means, with respect to a particular chemical sub-

1       stance, the physical and chemical characteristics  
2       that may vary for such substance, and whose vari-  
3       ation may bear on the toxicological properties or the  
4       exposure potential of the substance, including—

5               “(A) structure and composition;

6               “(B) size or size distribution;

7               “(C) shape;

8               “(D) surface structure;

9               “(E) reactivity; and

10              “(F) other characteristics and properties

11              that may bear on toxicological properties or ex-  
12              posure potential.

13              “(23) The term ‘toxic’, with respect to a chem-  
14              ical substance or mixture, means that the chemical  
15              substance or mixture, or a metabolite or degradation  
16              product of such substance or mixture, has a toxi-  
17              cological property—

18               “(A) that causes an adverse effect that has  
19               been demonstrated in humans or other orga-  
20               nisms; or

21               “(B) for which the weight of evidence  
22               (such as demonstration of such an adverse ef-  
23               fect as described in subparagraph (A) in labora-  
24               tory studies or data for a chemical from the  
25               same chemical class that exhibits such an ad-

1           verse effect) demonstrates the potential for an  
2           adverse effect in humans or other organisms.

3           “(24) The term ‘toxicological property’ means  
4           established toxicity, adverse effects, or established  
5           precursors to such toxicity or adverse effects, includ-  
6           ing effects of exposure to a chemical substance or  
7           mixture on—

8                   “(A) mortality;

9                   “(B) morbidity, including carcinogenesis;

10                  “(C) genetics, including mutagenicity,  
11                  genotoxicity, and epigenetics;

12                  “(D) reproduction;

13                  “(E) growth and development;

14                  “(F) the immune system;

15                  “(G) the endocrine system;

16                  “(H) the brain or nervous system;

17                  “(I) other organ systems; or

18                  “(J) any other biological functions in hu-  
19                  mans or other organisms.

20           “(25) The term ‘use’ means any utilization of  
21           a chemical substance or mixture that is not other-  
22           wise covered by the terms manufacture or process,  
23           and may include—

24                   “(A) any composition of the chemical sub-  
25                   stance with other chemical substances;

1           “(B) any group of utilizations determined  
2           by the Administrator to be a single use under  
3           subsection (b)(2).

4           Relabeling or redistributing a container holding a  
5           chemical substance or mixture where no repackaging  
6           of the chemical substance or mixture occurs does not  
7           constitute use of the chemical substance or mixture.

8           “(26) The term ‘vulnerable population’ means a  
9           population that is subject to a disproportionate expo-  
10          sure to, or potential for a disproportionate adverse  
11          effect from exposure to, a chemical substance or  
12          mixture, including—

13                   “(A) infants, children, and adolescents;

14                   “(B) pregnant women (including effects on  
15                   fetal development);

16                   “(C) the elderly;

17                   “(D) individuals with preexisting medical  
18                   conditions;

19                   “(E) workers; and

20                   “(F) members of any other appropriate  
21                   population identified by the Administrator  
22                   based on consideration of—

23                           “(i) socioeconomic status;

24                           “(ii) racial or ethnic background;



1                   “(iii) culturally influenced dietary or  
2                   other practices or factors; or

3                   “(iv) other similar factors identified  
4                   by the Administrator.”; and

5                   (3) by adding at the end the following new sub-  
6                   section:

7                   “(b) DETERMINATIONS.—

8                   “(1) The Administrator may determine dif-  
9                   ferent forms of a chemical substance with a par-  
10                  ticular molecular identity to be different chemical  
11                  substances for purposes of this Act, based on vari-  
12                  ations in the substance characteristics. New forms of  
13                  existing chemical substances so determined shall be  
14                  considered new chemical substances for purposes of  
15                  this Act.

16                  “(2) The Administrator may determine dif-  
17                  ferent uses of a chemical substance or mixture to be  
18                  the same use for purposes of this Act, based on in-  
19                  dustry classification systems or factors determined  
20                  by the Administrator to indicate similarity in use  
21                  and exposure, provided that such systems or factors  
22                  ensure that the different uses treated as the same  
23                  use under this paragraph do not involve materially  
24                  different patterns, pathways, or degrees of expo-  
25                  sure.”.

1 (b) CONFORMING AMENDMENT.—The table of con-  
2 tents for the Toxic Substances Control Act is amended  
3 by amending the item relating to section 3 to read as fol-  
4 lows:

“Sec. 3. Definitions and Determinations.”.

5 **SEC. 4. MINIMUM DATA SET AND TESTING OF CHEMICAL**  
6 **SUBSTANCES AND MIXTURES.**

7 Section 4 of the Toxic Substances Control Act (15  
8 U.S.C. 2603) is amended as follows:

9 (1) By amending subsection (a) to read as fol-  
10 lows:

11 “(a) MINIMUM DATA SET.—

12 “(1) Not later than 1 year after the date of en-  
13 actment of the Toxic Chemicals Safety Act of 2010,  
14 the Administrator shall establish, by rule, the data  
15 that constitute the minimum data set for substances  
16 described in paragraph (2). The rule shall—

17 “(A) require manufacturers and processors  
18 to submit a minimum data set that the Admin-  
19 istrator determines will be useful in conducting  
20 safety standard determinations pursuant to sec-  
21 tion 6(b) or carrying out any provision of this  
22 Act, and shall include information on—

23 “(i) chemical identity;

24 “(ii) substance characteristics;

1                   “(iii) biological and environmental  
2                   fate and transport;

3                   “(iv) toxicological properties;

4                   “(v) volume manufactured, processed,  
5                   or imported;

6                   “(vi) intended uses; and

7                   “(vii) exposures from all stages of the  
8                   chemical substance or mixture’s lifecycle  
9                   that are known or reasonably foreseeable  
10                  to the party submitting the data set;

11                  “(B) provide for varied or tiered testing;

12                  “(C) establish requirements for manufac-  
13                  turers and processors to update their minimum  
14                  data set submissions, as appropriate; and

15                  “(D) be updated by the Administrator not  
16                  less often than once every 5 years.

17                  “(2) Except as provided in paragraph (3), the  
18                  manufacturers and processors of a chemical sub-  
19                  stance or mixture shall submit the minimum data  
20                  set established by the rule under paragraph (1), ac-  
21                  companied by the certification described in section  
22                  8(i), to the Administrator—

23                         “(A) for an existing chemical substance or  
24                         mixture, not later than the earlier of—

1 “(i) 18 months after the date on  
2 which the Administrator lists the chemical  
3 substance or mixture on the priority list  
4 under section 6(a); or

5 “(ii) for chemical substances pro-  
6 duced—

7 “(I) at high volumes, as deter-  
8 mined by the Administrator, 3 years  
9 after the date of enactment of the  
10 Toxic Chemicals Safety Act of 2010;

11 “(II) at moderate volumes, as de-  
12 termined by the Administrator, 4  
13 years after the date of enactment of  
14 the Toxic Chemicals Safety Act of  
15 2010; or

16 “(III) at low volumes, as deter-  
17 mined by the Administrator, 5 years  
18 after the date of enactment of the  
19 Toxic Chemicals Safety Act of 2010;  
20 or

21 “(B) for a new chemical substance, the  
22 date on which the notice required under section  
23 5(a)(1)(A) is submitted.

24 “(3) No minimum data set shall be required to  
25 be submitted by manufacturers and processors of a

1 chemical substance listed under section 6(a)(1)(A)  
2 or exempted from the requirement pursuant to sec-  
3 tion 39 or section 32 or for a safer alternative ap-  
4 proved pursuant to section 35.

5 “(4) If a manufacturer or processor is in viola-  
6 tion of paragraph (2), the Administrator may impose  
7 penalties, pursuant to section 16, on such manufac-  
8 turer or processor, or, by order, impose conditions,  
9 including prohibitions, on the manufacture, proc-  
10 essing, or distribution in commerce of the chemical  
11 substance, or any mixture or article containing the  
12 chemical substance, by such manufacturer or proc-  
13 essor.”.

14 (2) In subsection (b)—

15 (A) by redesignating paragraphs (2) and  
16 (3) as paragraphs (4) and (5), respectively;

17 (B) by redesignating paragraphs (4) and  
18 (5) as paragraphs (7) and (8), respectively;

19 (C) in paragraph (1)—

20 (i) by striking “A rule under sub-  
21 section (a) shall include” and all that fol-  
22 lows through “during the period prescribed  
23 under subparagraph (C)”; and

24 (D) by striking the following:

1 “(b)(1) TESTING REQUIREMENT RULE.—” and in-  
2 serting the following:

3 “(b) TESTING RULES AND ORDERS.—

4 “(1) The Administrator may, by rule or order,  
5 after notice and opportunity for comment, require  
6 testing in addition to the requirements for the min-  
7 imum data set under subsection (a) with respect to  
8 any chemical substance or mixture and the submis-  
9 sion of test results by a specified date, as necessary  
10 for making a safety standard determination under  
11 section 6(b) or carrying out any provision of this  
12 Act.

13 “(2) If a manufacturer or processor is in viola-  
14 tion of paragraph (1), the Administrator may impose  
15 penalties, pursuant to section 16, on such manufac-  
16 turer or processor, or, by order, impose conditions,  
17 including prohibitions, on the manufacture, proc-  
18 essing, or distribution in commerce of the chemical  
19 substance, or any mixture or article containing the  
20 chemical substance, by such manufacturer or proc-  
21 essor.

22 “(3) A rule or order under paragraph (1) shall  
23 include—

24 “(A) identification of the chemical sub-  
25 stance or mixture for which testing is required;

1           “(B) the testing required and justification  
2           for such testing, and may specify test protocols  
3           and methodology for testing for such substance  
4           or mixture in accordance with section 34(c);  
5           and

6           “(C) a specification of the period (which  
7           period may not be of unreasonable duration)  
8           within which the persons required to conduct  
9           the testing shall submit to the Administrator  
10          data developed in accordance with a method-  
11          ology referred to in subparagraph (B).

12          In determining the testing, test protocols, and meth-  
13          odology, and period to be included, pursuant to sub-  
14          paragraphs (B) and (C), in a rule or order under  
15          paragraph (1), the Administrator shall consider the  
16          relative costs of the various test protocols and meth-  
17          odologies which may be required under the rule or  
18          order and the reasonably foreseeable availability of  
19          the facilities and personnel needed to perform the  
20          testing required under the rule or order. Any such  
21          rule or order may require the submission to the Ad-  
22          ministrator of preliminary data during the period  
23          prescribed under subparagraph (C).”;

1 (E) by amending paragraph (4), as reded-  
2 igned by subparagraph (A) of this paragraph,  
3 to read as follows:

4 “(4)(A)(i) The health and environmental effects for  
5 which testing may be prescribed include any toxicological  
6 property and any other adverse effect which may be con-  
7 sidered in a safety standard determination under section  
8 6(b).

9 “(ii) The exposure information for which test-  
10 ing may be prescribed includes biological or environ-  
11 mental fate and transport, monitoring for the pres-  
12 ence of the chemical substance or mixture (or a me-  
13 tabolite or degradation byproduct of the chemical  
14 substance or mixture) in animal or human biological  
15 media or environmental media, and any other expo-  
16 sure information which may be considered in a safe-  
17 ty standard determination under section 6(b).

18 “(iii) The characteristics of chemical substances  
19 and mixtures for which testing may be prescribed in-  
20 clude persistence, bioaccumulation, and any other  
21 relevant substance characteristic which may be con-  
22 sidered in a safety standard determination under  
23 section 6(b).

24 “(B) The methodologies that may be prescribed in  
25 testing include epidemiologic studies, industrial hygiene



1 surveys, biomonitoring studies, serial or hierarchical tests,  
2 in vitro tests, and whole animal tests consistent with sec-  
3 tion 34, except that before prescribing epidemiologic stud-  
4 ies or industrial hygiene surveys of employees, the Admin-  
5 istrator shall consult with the Director of the National In-  
6 stitute for Occupational Safety and Health.

7 “(C) From time to time, but not less than once each  
8 12 months, the Administrator shall review the adequacy  
9 of the methodology for testing prescribed in rules or orders  
10 under paragraph (1) and shall, if necessary, institute pro-  
11 ceedings to make appropriate revisions of such method-  
12 ology.”;

13 (F) in paragraph (5), as redesignated by  
14 subparagraph (A) of this paragraph—

15 (i) by striking subparagraph (B);

16 (ii) by striking “(A) A rule under sub-  
17 section (a) respecting a chemical substance  
18 or mixture shall require the persons de-  
19 scribed in subparagraph (B)” and insert-  
20 ing “A rule or order under paragraph (1)  
21 respecting a chemical substance or mixture  
22 shall specify the persons required”; and

23 (iii) by inserting “in which case all  
24 parties remain individually liable for the

1 testing requirements” after “on behalf of  
2 the persons making the designation”;

3 (G) by inserting after paragraph (5), as re-  
4 designated by subparagraph (A) of this para-  
5 graph, the following new paragraph:

6 “(6) Any biomonitoring study of the public regarding  
7 a chemical substance or any metabolite or degradation by-  
8 product of such substance shall be conducted by the Direc-  
9 tor of the Centers for Disease Control and Prevention in  
10 collaboration with the Administrator, at the expense of the  
11 manufacturers and processors of the chemical substance.  
12 Any biomonitoring study of employees regarding a chem-  
13 ical substance or any metabolite or degradation byproduct  
14 of such substance may be conducted by the relevant em-  
15 ployer, at the expense of the manufacturers and processors  
16 of the chemical substance, in collaboration with the Direc-  
17 tor of the National Institute of Occupational Safety and  
18 Health and the Administrator.”;

19 (H) in paragraph (7), as redesignated by  
20 subparagraph (B) of this paragraph—

21 (i) by striking “under subsection (a)”  
22 in both places it appears and inserting “or  
23 order under paragraph (1)”;

1 (ii) by striking “repeals the rule” in  
2 both places it appears and inserting “with-  
3 draws the rule or order”; and

4 (iii) by striking “repeals the applica-  
5 tion of the rule” and inserting “withdraws  
6 the rule or order as applied”; and

7 (I) by amending paragraph (8), as redesign-  
8 nated by subparagraph (B) of this paragraph,  
9 to read as follows:

10 “(8) Rules issued under subsection (a) and para-  
11 graph (1) (and any substantive amendment thereto or re-  
12 peal thereof) shall be promulgated pursuant to section 553  
13 of title 5, United States Code.”.

14 (3) In subsection (c)—

15 (A) in paragraph (1)—

16 (i) by inserting “or order” after  
17 “rule”; and

18 (ii) by striking “subsection (a)” and  
19 inserting “subsection (a) or (b)(1)”;  
20

(B) in paragraph (2)—

21 (i) by striking “under subsection (a)”  
22 and inserting “under subsection (b)(1)”;  
23 and

24 (ii) by inserting “or order” after  
25 “rule” each place it appears;

1 (C) in paragraph (3)(B)(i), by striking  
2 “promulgated under subsection (a)” and insert-  
3 ing “or order issued under subsection (b)(1)”;

4 (D) in paragraph (4)—

5 (i) in subparagraph (A)—

6 (I) by striking “promulgated  
7 under subsection (a)” and inserting  
8 “issued under subsection (b)(1)”; and

9 (II) by inserting “or order” after  
10 “rule” each place it appears; and

11 (ii) in subparagraph (B)—

12 (I) by striking “promulgated  
13 under subsection (a)” and inserting  
14 “or order issued under subsection  
15 (b)(1)”; and

16 (II) by inserting “or order” after  
17 “such rule”; and

18 (III) by inserting “or order”  
19 after “requirements of the rule”; and

20 (E) by adding at the end the following new  
21 paragraph:

22 “(5) If a manufacturer or processor has sub-  
23 mitted a declaration of permanent cessation of man-  
24 ufacture or processing under section 8(a)(3) for a  
25 chemical substance or mixture, the manufacturer or

1 processor shall be exempted from the requirements  
2 of this section with regard to such chemical sub-  
3 stance or mixture.”.

4 (4) In subsection (d)—

5 (A) by striking “under subsection (a)” and  
6 inserting “or order issued under subsection (a)  
7 or (b)(1)”;

8 (B) by inserting “Such notice shall not be  
9 interpreted as meeting the requirements of the  
10 rule or order, unless otherwise indicated.” be-  
11 fore “Subject to section 14, each notice shall”;  
12 and

13 (C) by inserting “and be added to the pub-  
14 lic database established pursuant to section  
15 8(d)” after “Administrator for examination by  
16 any person”.

17 (5) In subsection (e)—

18 (A) in the subsection heading, by striking  
19 “PRIORITY LIST” and inserting “INTERAGENCY  
20 TESTING COMMITTEE”;

21 (B) in paragraph (1)—

22 (i) in subparagraph (A)—

23 (I) by striking “for the promul-  
24 gation of a rule under subsection (a)”  
25 and inserting “for listing under sec-

1                   tion 6(a)(1) and promulgation of test-  
2                   ing rules or orders under subsection  
3                   (b)(1)”;

4                   (II) in clause (v), by striking “an  
5                   unreasonable” and inserting “a sub-  
6                   stantial”; and

7                   (III) in the matter following  
8                   clause (viii)—

9                   (aa) by striking “cancer,  
10                  gene mutations, or birth defects”  
11                  and inserting “adverse effects on  
12                  health or the environment”;

13                  (bb) by striking “under sub-  
14                  section (a)” each place it appears  
15                  and inserting “under subsection  
16                  (b)(1)”; and

17                  (cc) by striking “The total  
18                  number of chemical substances  
19                  and mixtures on the list which  
20                  are designated under the pre-  
21                  ceding sentence may not, at any  
22                  time, exceed 50.”; and

23                  (ii) in subparagraph (B), by striking  
24                  “rulemaking proceeding under subsection  
25                  (a)” and inserting “proceeding to promul-

1           gate a rule or issue an order under sub-  
2           section (b)(1)”; and

3           (C) in paragraph (2)(A)—

4                 (i) by striking “eight members” and  
5                 inserting “10 members”; and

6                 (ii) by adding at the end the following  
7                 new clauses:

8                 “(ix) One member appointed by the Com-  
9                 missioner of the Food and Drug Administration  
10                 from officers or employees of the Administra-  
11                 tion.

12                 “(x) One member appointed by the Chair-  
13                 man of the Consumer Product Safety Commis-  
14                 sion from officers or employees of the Commis-  
15                 sion.”.

16           (6) By amending subsection (f) to read as fol-  
17           lows:

18           “(f) REQUESTS FROM OTHER FEDERAL AGENCIES  
19           FOR ADDITIONAL INFORMATION OR TESTING.—

20                 “(1) IN GENERAL.—If a Federal agency deter-  
21                 mines that information relating to a chemical sub-  
22                 stance or mixture, including data derived from new  
23                 testing or monitoring, would assist such agency in  
24                 carrying out duties or exercising authority of such  
25                 agency, but such information is not available to the

1 agency, such agency may request the Administrator  
2 to seek such information on its behalf.

3 “(2) DUTY OF ADMINISTRATOR.—Not later  
4 than 60 days after the date of receipt of a request  
5 under paragraph (1), the Administrator shall—

6 “(A) if in possession of the requested data,  
7 make such data available to the requesting  
8 agency, subject to section 14;

9 “(B) issue an order, under section 8(b)(1),  
10 requiring the submission of existing data to the  
11 requesting agency and to the Administrator;

12 “(C) issue a rule or order, under sub-  
13 section (b), to develop such data, and require  
14 such data be furnished to the requesting agency  
15 and to the Administrator; or

16 “(D) publish in the Federal Register the  
17 reason for not taking any of the actions de-  
18 scribed in subparagraphs (A) through (C).”.

19 (7) By striking subsection (g).

20 **SEC. 5. MANUFACTURING AND PROCESSING NOTICES.**

21 Section 5 of the Toxic Substances Control Act (15  
22 U.S.C. 2604) is amended as follows:

23 (1) By amending subsection (a) to read as fol-  
24 lows:



1       “(a) NEW CHEMICAL SUBSTANCES AND MIXTURES  
2 AND NEW USES OF CHEMICAL SUBSTANCES AND MIX-  
3 TURES.—

4           “(1) Except as provided in subsection (d), no  
5 person may manufacture or process a new chemical  
6 substance or mixture, or manufacture or process any  
7 chemical substance or mixture for a use which the  
8 Administrator has determined, in accordance with  
9 paragraph (2), is a new use, unless—

10           “(A) such person submits to the Adminis-  
11 trator, at least 90 days before such manufac-  
12 ture or processing, a notice, in accordance with  
13 subsection (c) and section 8(i), of such person’s  
14 intention to manufacture or process such chem-  
15 ical substance or mixture and such person com-  
16 plies with any applicable requirement of sub-  
17 section (b); and

18           “(B) the Administrator finds that—

19           “(i) such use is a critical use as deter-  
20 mined pursuant to section 6(e);

21           “(ii) in the case of a chemical sub-  
22 stance or mixture that has not already  
23 been determined to meet the safety stand-  
24 ard under section 6(b), the chemical sub-  
25 stance or mixture meets the safety stand-

1           ard under section 6(b), with or without  
2           conditions; or

3                   “(iii) in the case of a chemical sub-  
4           stance or mixture that has already been  
5           determined to meet the safety standard  
6           under section 6(b) without inclusion of the  
7           proposed new use, the chemical substance  
8           or mixture continues to meet the safety  
9           standard under section 6 for all intended  
10          uses including the new use, with or without  
11          conditions.

12                   “(2) A use shall be determined by the Adminis-  
13          trator to be new if—

14                           “(A) the chemical substance or mixture  
15           has already received a safety standard deter-  
16           mination under section 6(b) which did not in-  
17           clude the use; or

18                           “(B) the proposed use will result in manu-  
19           facturing or processing of the chemical sub-  
20           stance or mixture at a significantly increased  
21           volume, as determined by the Administrator,  
22           above that considered in the safety standard de-  
23           termination under section 6(b).

24                   “(3) Not later than 30 days after the date on  
25          which a manufacturer or processor commences man-

1       ufacturing or processing of a new chemical sub-  
2       stance or mixture or commences manufacturing or  
3       processing of a chemical substance or mixture for a  
4       new use, the manufacturer or processor shall submit  
5       to the Administrator a notice of commencement of  
6       manufacture or processing.”.

7               (2) By amending subsection (b) to read as fol-  
8       lows:

9       “(b) SUBMISSION OF DATA FOR USES AND MANU-  
10      FACTURERS OR PROCESSORS NOT PREVIOUSLY DE-  
11      CLARED.—

12               “(1) For a chemical substance or mixture which  
13       is not new that has not yet received a safety stand-  
14       ard determination under section 6(b), any manufac-  
15       turer or processor who manufactures, processes, or  
16       distributes in commerce the chemical substance or  
17       mixture for a use that has not previously been de-  
18       clared under section 8(a), shall submit the declara-  
19       tion required by section 8(a) within 6 months of ini-  
20       tiating manufacture, processing, or distribution, for  
21       that use.

22               “(2) Any manufacturer or processor who manu-  
23       factures, processes, or distributes in commerce a  
24       chemical substance for a use that the particular  
25       manufacturer or processor has not previously de-

1       clared under section 8(a), even where such use has  
2       previously been declared by another party, shall sub-  
3       mit the declaration required by section 8(a) within  
4       6 months of initiating manufacture, processing, or  
5       distribution for that use.

6               “(3) For any chemical substance subject to a  
7       Significant New Use Rule pursuant to part 721 of  
8       title 40, Code of Federal Regulations, as of the date  
9       of enactment of the Toxic Chemicals Safety Act of  
10       2010, the requirements of that rule shall apply to all  
11       manufacturers and processors of the chemical sub-  
12       stance whether or not the Administrator determines  
13       a use to be new pursuant to subsection (a), unless  
14       and until the chemical substance receives a safety  
15       standard determination and, if appropriate, condi-  
16       tions or prohibitions are imposed pursuant to section  
17       6, after which the Significant New Use Rule shall  
18       cease to apply.

19               “(4) For a chemical substance or mixture that  
20       is subject to a rule or order under section 4, the  
21       manufacturer or processor of such chemical for any  
22       use which has not previously been declared under  
23       section 8 shall submit to the Administrator any data  
24       required in accordance with such rule or order with

1 the notice under subsection (a)(1)(A) or the declara-  
2 tion under this subsection, as appropriate.

3 “(5) Not later than 90 days after submission of  
4 a notice under subsection (a)(1)(A), and data under  
5 paragraph (4), if required, the Administrator shall  
6 determine, pursuant to subsection (a)(1)(B), wheth-  
7 er the use is a critical use or whether a safety stand-  
8 ard determination is required by that paragraph.  
9 Not later than 9 months after the date of such de-  
10 termination, the Administrator shall complete any  
11 such required safety standard determination. The  
12 Administrator’s failure to make a determination pur-  
13 suant to this paragraph in a timely manner shall not  
14 be deemed to satisfy subsection (a)(1)(B).”.

15 (3) By striking subsection (c) and redesignating  
16 subsection (d) as subsection (c).

17 (4) By amending subsection (c), as redesign-  
18 nated by paragraph (3) of this section, to read as  
19 follows:

20 “(c) CONTENT OF NOTICE; PUBLICATIONS.—The no-  
21 tice required by subsection (a)(1)(A) shall include—

22 “(1) the declaration under section 8(a)(2);

23 “(2) the minimum data set, as defined pursuant  
24 to section 4(a); and

1           “(3) a statement that the chemical substance or  
2 mixture is reasonably anticipated to meet or con-  
3 tinue to meet the safety standard under section 6(b),  
4 and a justification for such statement.

5 Such a notice shall be made available, subject to sec-  
6 tion 14, in the public database established pursuant  
7 to section 8(d).”;

8           (5) By striking subsections (e), (f), and (g),  
9 and redesignating subsections (h) and (i) as sub-  
10 sections (d) and (e), respectively.

11           (6) In subsection (d), as redesignated by para-  
12 graph (5) of this section—

13                 (A) by redesignating paragraphs (1)  
14 through (3) as paragraphs (3) through (5), re-  
15 spectively;

16                 (B) by redesignating paragraphs (5) and  
17 (6) as paragraphs (6) and (7), respectively;

18                 (C) by striking paragraph (4);

19                 (D) by inserting, before paragraph (3), as  
20 redesignated by subparagraph (A) of this para-  
21 graph, the following new paragraphs:

22           “(1) Any new chemical substance or new use of  
23 a chemical substance or mixture approved pursuant  
24 to section 35 as a safer alternative shall be exempt  
25 from the requirements of this section.

1           “(2) The Administrator may exempt any new  
2 chemical substance or new use of a chemical sub-  
3 stance or mixture from the requirements of this sec-  
4 tion pursuant to section 39.”;

5           (E) in paragraph (3), as redesignated by  
6 subparagraph (A) of this paragraph—

7           (i) by inserting “and by order,” after  
8 “upon application,”; and

9           (ii) by striking “any unreasonable”  
10 and inserting “a substantial”;

11          (F) in paragraph (4), as redesignated by  
12 subparagraph (A) of this paragraph—

13          (i) by amending subparagraph (A) to  
14 read as follows:

15          “(A) The Administrator shall exempt any per-  
16 son from the requirement to submit data for a  
17 chemical substance or mixture pursuant to sub-  
18 section (b)(4), if upon receipt of an application from  
19 such person, the Administrator determines that—

20           “(i) the chemical substance or mixture  
21 with respect to which such application was sub-  
22 mitted is equivalent to a chemical substance or  
23 mixture for which data has been submitted to  
24 the Administrator as required by this Act; and

1           “(ii) submission of data by the applicant  
2           on such substance or mixture would be dupli-  
3           cative of data which has been submitted to the  
4           Administrator in accordance with subsection  
5           (b)(4).

6           No exemption which is granted under this subpara-  
7           graph with respect to the submission of data for a  
8           chemical substance or mixture may take effect be-  
9           fore the beginning of the reimbursement period ap-  
10          plicable to such data.”; and

11                  (ii) in subparagraph (B), by striking  
12                  “subsection (b)(2)” each place it appears  
13                  and inserting “subsection (b)(4)”;

14                  (G) in paragraph (6), as redesignated by  
15                  subparagraph (B) or this paragraph, by insert-  
16                  ing “, including occupational exposure” after  
17                  “human or environmental exposure”; and

18                  (H) in paragraph (7), as redesignated by  
19                  subparagraph (B) of this paragraph, by striking  
20                  “(1) or (5)” and inserting “(3) or (6)”.

21 **SEC. 6. PRIORITIZATION, SAFETY STANDARD DETERMINA-**  
22 **TION, AND RISK MANAGEMENT.**

23           (a) SAFETY STANDARD DETERMINATION.—Section 6  
24 of the Toxic Substances Control Act (15 U.S.C. 2605) is  
25 amended as follows:



1           (1) By amending the section heading to read as  
2 follows: “**PRIORITIZATION, SAFETY STANDARD**  
3 **DETERMINATION, AND RISK MANAGEMENT**”.

4           (2) By striking subsection (d).

5           (3) By redesignating subsections (e) and (f) as  
6 subsections (f) and (g), respectively.

7           (4) By redesignating subsections (a) through  
8 (c) as subsections (c) through (e), respectively.

9           (5) By inserting before subsection (c), as reded-  
10 igned by paragraph (4) of this subsection, the fol-  
11 lowing new subsections:

12           “(a) PRIORITY LIST FOR SAFETY STANDARD DETER-  
13 MINATIONS.—

14           “(1) ESTABLISHMENT OF LIST.—

15           “(A) As of the date of enactment of the  
16 Toxic Chemicals Safety Act of 2010, there shall  
17 be established a list of chemical substances for  
18 which safety standard determinations under  
19 this section shall first be made, which shall con-  
20 sist of the following chemical substances:

21                   “(i) Bisphenol A.

22                   “(ii) Formaldehyde.

23                   “(iii) N-Hexane.

24                   “(iv) Hexavalent chromium.

25                   “(v) Methylene chloride.

1 “(vi) Trichloroethylene.

2 “(vii) Vinyl chloride.

3 “(viii) The following phthalates:

4 “(I) Benzylbutyl phthalate.

5 “(II) Dibutyl phthalate.

6 “(III) Diethylhexyl phthalate.

7 “(IV) Di-isodecyl phthalate.

8 “(V) Di-isononyl phthalate.

9 “(VI) Di-n-hexyl phthalate.

10 “(VII) Di-n-octyl phthalate.

11 “(ix) Perchlorate.

12 “(x) Tetrachloroethylene.

13 “(xi) Tris (1,3-dichloro-2-propyl)  
14 phosphate.

15 “(xii) Tris (2-chloroethyl) phosphate.

16 “(xiii) Tris (2,3-dibromopropyl) phos-  
17 phate.

18 “(B) Not later than 12 months after the  
19 date of enactment of the Toxic Chemicals Safe-  
20 ty Act of 2010, the Administrator shall update  
21 the list established in subparagraph (A) and  
22 publish in the Federal Register, after notice  
23 and opportunity for comment, the updated list  
24 which shall consist of not fewer than 300 chem-  
25 ical substances, along with a justification for

1 such listing. Chemical substances shall be listed  
2 at the Administrator’s discretion, based on  
3 available scientific evidence and consideration of  
4 their hazard, exposure, or risk relative to other  
5 chemical substances, aggregate or cumulative  
6 exposure, evidence of exposure to humans in-  
7 cluding presence in human or animal biological  
8 and environmental media including in the work-  
9 place, use, volume of manufacture, toxicological  
10 properties, persistence, bioaccumulation, or  
11 other properties indicating risk.

12 “(2) UPDATING OF LIST.—The Administrator  
13 shall—

14 “(A) remove a chemical substance from the  
15 list under paragraph (1) only after the safety  
16 standard determination has been made for such  
17 chemical substance pursuant to subsection (b);  
18 and

19 “(B) add chemical substances to the list  
20 periodically so that the number of chemical sub-  
21 stances on the list will not be fewer than 300  
22 at any given time, until such time as all chem-  
23 ical substances manufactured, processed, or dis-  
24 tributed in commerce have been listed, have re-  
25 ceived a safety standard determination, or have

1           been exempted from the requirement to receive  
2           a safety standard determination pursuant to  
3           section 35 or section 39. Additions to the list  
4           shall be consistent with paragraph (1) and, to  
5           the extent practicable, based on consideration of  
6           hazard, exposure, or risk relative to listed  
7           chemical substances. Such additions to the list  
8           may be made in response to petitions under sec-  
9           tion 21 or recommendations from the Inter-  
10          agency Testing Committee under section 4(e).

11          “(3) MIXTURES.—The Administrator may add  
12          a mixture to the priority list based on available sci-  
13          entific evidence and the considerations for listing de-  
14          scribed in paragraph (1).

15          “(b) SAFETY STANDARD DETERMINATIONS.—

16                  “(1) SAFETY STANDARD.—

17                          “(A) The Administrator shall apply, as the  
18                          safety standard under this title, a standard that  
19                          takes into account aggregate exposure to a  
20                          chemical substance or mixture and ensures  
21                          that, for all intended uses—

22                                  “(i) with regard to public health,  
23                                  there is a reasonable certainty that no  
24                                  harm will result, including to vulnerable  
25                                  populations; and

1                   “(ii) the public welfare is protected.

2                   “(B) In making a determination under this  
3 subsection, the Administrator shall consider,  
4 among other relevant factors—

5                   “(i) the lifecycle of the chemical sub-  
6 stance or mixture; and

7                   “(ii) available information concerning  
8 the cumulative effects of exposure to chem-  
9 ical substances or mixtures.

10                  “(2) BURDEN OF PROOF.—The manufacturers  
11 and processors of a chemical substance or mixture  
12 shall bear the burden of proving that the chemical  
13 substance or mixture meets the safety standard.

14                  “(3) DETERMINATION.—

15                  “(A) For each chemical substance or mix-  
16 ture listed under subsection (a), the Adminis-  
17 trator shall determine whether the chemical  
18 substance or mixture meets the safety standard,  
19 taking into account any existing conditions or  
20 controls already in effect, or can be made to  
21 meet the safety standard through the imposi-  
22 tion of additional conditions under subsection  
23 (c), and whether intended uses that do not meet  
24 the safety standard are critical. In making this  
25 determination, the Administrator may consider

1 exposures associated with known or foreseeable  
2 uses that are not intended uses identified by the  
3 manufacturers and processors of the substance  
4 or mixture.

5 “(B) The determination under subpara-  
6 graph (A) shall be made in keeping with stand-  
7 ards for assessment developed under paragraph  
8 (4).

9 “(C) Except as provided in subparagraph  
10 (D), the determination under subparagraph (A)  
11 shall be completed and published not later than  
12 30 months after the date on which the chemical  
13 substance or mixture is placed on the priority  
14 list, or, for a chemical substance listed in sub-  
15 section (a)(1)(A), not later than 18 months  
16 after the date of enactment of the Toxic Chemi-  
17 cals Safety Act of 2010.

18 “(D) In assessing risk to make the deter-  
19 mination under subparagraph (A), the Adminis-  
20 trator may require the submission of additional  
21 information by the manufacturer or processor.  
22 If additional information is required, the deter-  
23 mination shall be completed and published not  
24 later than 12 months after the submission of all  
25 required information. Failure to submit re-

1           required information in the period specified in  
2           section 4(b)(3)(C), as applicable, or by such  
3           other reasonable deadlines as the Administrator  
4           shall establish shall constitute grounds for de-  
5           termining that the chemical substance or mix-  
6           ture does not meet the safety standard.

7           “(4) STANDARDS FOR ASSESSMENT OF DATA.—

8                   “(A) Not later than 18 months after the  
9           date of enactment of the Toxic Chemicals Safe-  
10          ty Act of 2010, the Administrator shall, after  
11          providing for notice and opportunity for com-  
12          ment, develop and publish guidance regarding  
13          the use of science in making determinations  
14          under this subsection. In developing such guid-  
15          ance, the Administrator shall rely upon the rec-  
16          ommendations of the National Academy of  
17          Sciences report entitled ‘Science and Decisions’.

18                   “(B) Not later than 5 years after the date  
19          of enactment of the Toxic Chemicals Safety Act  
20          of 2010, and not less often than once every 5  
21          years thereafter, the Administrator shall review  
22          the guidance under this paragraph and may re-  
23          vise the guidance to reflect new scientific devel-  
24          opments or understanding.

1           “(5) PUBLICATION.—The Administrator shall  
2           make publicly available, and enter into the public  
3           database established pursuant to section 8(d), the  
4           determination made pursuant to paragraph (3) with  
5           a list of allowed uses and any conditions on those  
6           uses necessary to ensure that the safety standard is  
7           met.

8           “(6) RENEWAL AND REDETERMINATION.—The  
9           determination made pursuant to paragraph (3) re-  
10          garding a chemical substance or mixture shall re-  
11          main in effect for 15 years, except that the Adminis-  
12          trator shall make a redetermination pursuant to  
13          paragraph (3) if a new use of such chemical sub-  
14          stance or mixture is proposed under section 5, or  
15          new information related to such chemical substance  
16          or mixture raises a credible question as to whether  
17          the chemical substance or mixture continues to meet  
18          the safety standard. The Administrator may renew  
19          a determination made pursuant to paragraph (3) for  
20          additional 15 year periods. The burden of proof for  
21          renewal of a determination or redetermination shall  
22          remain with the manufacturers and processors of  
23          each chemical substance or mixture.

24          “(7) FAILURE TO MEET DEADLINES.—If the  
25          Administrator fails to publish or renew a determina-



1       tion or publish a redetermination by the applicable  
2       deadline pursuant to this subsection, the Adminis-  
3       trator shall promptly publish notice of such failure  
4       in the Federal Register, identifying the chemical  
5       substance or mixture and any information gaps that  
6       have impeded the determination, shall prohibit new  
7       manufacturers or processors or new uses of the  
8       chemical substance or mixture until the determina-  
9       tion is published, and shall require manufacturers  
10      and processors of the chemical substance or mixture  
11      to provide, within a reasonable timeframe as deter-  
12      mined by the Administrator, written notice to the  
13      public, their employees and their commercial cus-  
14      tomers that a safety standard determination of the  
15      chemical substance or mixture is pending.”.

16           (6) By amending subsection (c), as redesignig-  
17      nated by paragraph (4) of this subsection, to read  
18      as follows:

19      “(c) RISK MANAGEMENT.—

20           “(1) CHEMICAL SUBSTANCES AND MIXTURES  
21      DETERMINED TO MEET THE SAFETY STANDARD  
22      WITHOUT CONDITIONS.—A chemical substance or  
23      mixture, for which the Administrator has deter-  
24      mined, pursuant to subsection (b)(3), that the chem-  
25      ical substance or mixture meets the safety standard

1 without imposition of conditions under this sub-  
2 section, may be manufactured, processed, and dis-  
3 tributed in commerce for uses identified and in-  
4 cluded in the safety standard determination. The  
5 Administrator may make such determination contin-  
6 gent on the continuation of conditions or controls al-  
7 ready in effect, if any.

8 “(2) CHEMICAL SUBSTANCES AND MIXTURES  
9 DETERMINED TO MEET THE SAFETY STANDARD  
10 WITH CONDITIONS.—Except as the Administrator  
11 determines pursuant to subsection (e), a chemical  
12 substance or mixture, for which the Administrator  
13 has determined, pursuant to subsection (b)(3), that  
14 imposition of conditions under this subsection is re-  
15 quired to ensure that the chemical substance or mix-  
16 ture meets the safety standard, shall be subject to  
17 conditions on manufacture, processing, use, distribu-  
18 tion in commerce, or disposal, as specified by the  
19 Administrator. Such conditions shall be identified in  
20 a manner that ensures effective and efficient protec-  
21 tion of health and the environment and may include:

22 “(A) A requirement—

23 “(i) prohibiting the manufacturing,  
24 processing, or distribution in commerce of  
25 such substance or mixture; or

1           “(ii) limiting the amount of such sub-  
2           stance or mixture which may be manufac-  
3           tured, processed, or distributed in com-  
4           merce.

5           “(B) A requirement—

6           “(i) prohibiting the manufacture,  
7           processing, or distribution in commerce of  
8           such substance or mixture for—

9           “(I) a particular use; or

10           “(II) a particular use in a con-  
11           centration in excess of a level specified  
12           by the Administrator in the safety  
13           standard determination; or

14           “(ii) limiting the amount of such sub-  
15           stance or mixture which may be manufac-  
16           tured, processed, or distributed in com-  
17           merce for—

18           “(I) a particular use; or

19           “(II) a particular use in a con-  
20           centration in excess of a level specified  
21           by the Administrator in the safety  
22           standard determination.

23           “(C) A requirement that such substance or  
24           mixture, or any article containing such sub-  
25           stance or mixture, be marked with or accom-

1           panied by clear and adequate warnings and in-  
2           structions with respect to its use, distribution in  
3           commerce, or disposal or with respect to any  
4           combination of such activities. The form and  
5           content of such warnings and instructions shall  
6           be prescribed by the Administrator or by the  
7           appropriate agency as determined under section  
8           9, and shall be consistent with the Globally  
9           Harmonized System of Labeling and Classifica-  
10          tion of Chemicals.

11           “(D) A requirement that manufacturers  
12          and processors of such substance or mixture  
13          make and retain records of the processes used  
14          to manufacture or process such substance or  
15          mixture, or any article containing such sub-  
16          stance or mixture, and monitor or conduct tests  
17          which are reasonable and necessary to assure  
18          compliance with the requirements of any rule  
19          applicable under this paragraph.

20           “(E) A requirement prohibiting or other-  
21          wise regulating any manner or method of man-  
22          ufacturing, processing, distribution in commerce  
23          or commercial use of such substance or mix-  
24          ture.

1           “(F) A requirement that prescribes specific  
2 control measures to reduce occupational expo-  
3 sures shall reflect the industrial hygiene hier-  
4 archy of controls.

5           “(G)(i) A requirement prohibiting or other-  
6 wise regulating any manner or method of dis-  
7 posal of such substance or mixture, or of any  
8 article containing such substance or mixture, by  
9 its manufacturer or processor or by any other  
10 person who uses, or disposes of, it for commer-  
11 cial purposes.

12           “(ii) A requirement under clause (i) may  
13 not require any person to take any action which  
14 would be in violation of any law or requirement  
15 of, or in effect for, a State or political subdivi-  
16 sion, and shall require each person subject to it  
17 to notify each State and political subdivision or  
18 tribe in which a required disposal may occur of  
19 such disposal.

20           “(H) A requirement that the manufactur-  
21 ers and processors of such chemical substance  
22 or mixture, or article containing such chemical  
23 substance or mixture, develop a risk reduction  
24 management plan to achieve a risk reduction  
25 specified by the Administrator. For all cases in

1           which a risk reduction management plan re-  
2           quires a reduction in occupational exposure, the  
3           specified level or risk reduction is to be achieved  
4           through application of the industrial hygiene hi-  
5           erarchy of controls.

6           Where the Administrator determines that conditions  
7           under this subsection are necessary to ensure that a  
8           chemical substance or mixture meets the safety  
9           standard, the Administrator shall require that such  
10          conditions be met within one year after publication  
11          of the determination under subsection (b), or as  
12          quickly as feasible and in no case later than 3 years  
13          after such publication. The Administrator, in deter-  
14          mining the deadline for compliance with conditions  
15          pursuant to this subsection, shall consider human  
16          health and the environment as the primary and  
17          paramount concern, and shall also consider the tech-  
18          nological feasibility of compliance, the economic im-  
19          pact of compliance, the benefits of earlier compli-  
20          ance, and other relevant considerations. After the  
21          date or dates on which conditions become effective,  
22          no person shall manufacture, process, use for com-  
23          mercial purposes, distribute in commerce, or dispose  
24          of the chemical substance or mixture, or any article  
25          containing such substance or mixture, unless the ap-

1       plicable conditions of the determination are met with  
2       respect to that person's activities.

3               “(3) CHEMICAL SUBSTANCES AND MIXTURES  
4       DETERMINED NOT TO MEET THE SAFETY STAND-  
5       ARD.—Except as the Administrator determines pur-  
6       suant to subsection (e):

7               “(A) If the Administrator determines that  
8       an existing chemical substance or mixture has  
9       not been proven to meet the safety standard,  
10       pursuant to subsection (b)(3), effective 1 year  
11       after publication of that determination, or as  
12       quickly as feasible and in no case later than 3  
13       years after such publication, no person shall  
14       manufacture, process, use for commercial pur-  
15       poses or distribute in commerce the chemical  
16       substance or mixture. The Administrator, in de-  
17       termining the deadline for compliance with this  
18       subsection, shall consider human health and the  
19       environment as the primary and paramount  
20       concern, and shall also consider the techno-  
21       logical feasibility of compliance, the economic  
22       impact of compliance, and other relevant con-  
23       siderations.

24               “(B) If the Administrator determines that  
25       a new chemical substance or mixture has not

1           been proven to meet the safety standard, no  
2           person shall manufacture, process, or distribute  
3           in commerce the new chemical substance or  
4           mixture.

5           “(C) If the Administrator determines that  
6           an existing chemical substance or mixture has  
7           not been proven to meet the safety standard for  
8           a new use, no person shall manufacture, proc-  
9           ess, use, or distribute in commerce the existing  
10          chemical substance or mixture for the new  
11          use.”.

12          (7) In subsection (d), as redesignated by para-  
13          graph (4) of this subsection, by striking “present an  
14          unreasonable” each place it appears and inserting  
15          “present a significant”.

16          (8) By amending subsection (e), as redesign-  
17          ated by paragraph (4) of this subsection, to read  
18          as follows:

19          “(e) CRITICAL USE EXEMPTIONS.—

20                 “(1) Exemptions from restrictions on manufac-  
21                 ture, processing, use, distribution in commerce, or  
22                 disposal imposed under subsection (c) may be re-  
23                 quested for a specific use by a manufacturer or proc-  
24                 essor of a chemical substance or mixture, and may  
25                 be granted by the Administrator, after providing



1 public notice and opportunity for comment, if the  
2 Administrator determines that the manufacturer or  
3 processor has demonstrated by clear and convincing  
4 evidence that—

5 “(A)(i) an exemption for the specific use is  
6 in the paramount interest of national security  
7 as determined under section 22;

8 “(ii) the restriction would significantly dis-  
9 rupt the national economy; or

10 “(iii) the specific use is a critical or essen-  
11 tial use; and

12 “(B)(i) no feasible safer alternative for the  
13 specified use is available; or

14 “(ii) the specified use of the chemical sub-  
15 stance or mixture provides a net benefit to  
16 health or the environment when compared to all  
17 available alternatives.

18 “(2) Exemptions granted under paragraph (1)  
19 shall expire after a period not to exceed 5 years, but  
20 may be renewed for one or more additional 5 year  
21 periods if the Administrator finds that the use con-  
22 tinues to meet the requirements of paragraph (1).

23 “(3) Notice of any exemption granted under  
24 this subsection shall be provided—

1           “(A) to known commercial purchasers by  
2           the manufacturers and processors of the subject  
3           chemical substance or mixture; and

4           “(B) to the public by the Administrator.

5           “(4) The Administrator shall impose conditions  
6           on any use receiving an exemption under this sub-  
7           section to reduce risk from the chemical substance  
8           or mixture to the greatest extent feasible. Such con-  
9           ditions shall take effect upon the granting of such  
10          exemption under paragraph (1). For cases in which  
11          such conditions are related to occupational exposure,  
12          exposure shall be controlled through application of  
13          the industrial hygiene hierarchy of controls.”.

14          (9) In subsection (f), as redesignated by para-  
15          graph (3) of this subsection—

16                 (A) in paragraph (2), by striking “an un-  
17                 reasonable risk of injury to health or the envi-  
18                 ronment” and inserting “a substantial risk of  
19                 injury to health or the environment, and will  
20                 comply with section 37 and any regulations pre-  
21                 scribed thereunder”;

22                 (B) in paragraph (3)(B)—

23                         (i) in clause (i)—

24                                 (I) by striking “an unreasonable”  
25                                 and inserting “a substantial”; and

1 (II) by striking “, and” and in-  
2 serting a semicolon;

3 (ii) in clause (ii)—

4 (I) by striking “which does not  
5 present an unreasonable risk of injury  
6 to health or the environment” and in-  
7 serting “that meets the safety stand-  
8 ard under subsection (b)”; and

9 (II) by inserting “and” after  
10 “biphenyl;”; and

11 (iii) by adding at the end the fol-  
12 lowing new clause:

13 “(iii) the terms of the exemption will  
14 comply with section 37 and any regulations  
15 prescribed thereunder.”;

16 (C) by striking paragraph (4); and

17 (D) by redesignating paragraph (5) as  
18 paragraph (4).

19 (b) CONFORMING AMENDMENT.—The table of con-  
20 tents for the Toxic Substances Control Act is amended  
21 by amending the item relating to section 6 to read as fol-  
22 lows:

“Sec. 6. Prioritization, safety standard determination, and risk management.”.

23 **SEC. 7. IMMINENT HAZARDS.**

24 Section 7 of the Toxic Substances Control Act (15  
25 U.S.C. 2606) is amended as follows:

1           (1) By amending subsection (a) to read as fol-  
2 lows:

3           “(a) ACTIONS AUTHORIZED AND REQUIRED.—

4           “(1) CIVIL ACTION.—The Administrator may  
5 commence a civil action in an appropriate district  
6 court of the United States for—

7           “(A) seizure of a chemical substance or  
8 mixture or any article containing such a sub-  
9 stance or mixture, that may present an immi-  
10 nent and substantial endangerment to health or  
11 the environment;

12           “(B) relief (as authorized by subsection  
13 (b)) against any person who manufactures,  
14 processes, distributes in commerce, uses, or dis-  
15 poses of, a chemical substance or mixture or  
16 any article containing such a substance or mix-  
17 ture, that may present an imminent and sub-  
18 stantial endangerment to health or the environ-  
19 ment; or

20           “(C) both such seizure described in sub-  
21 paragraph (A) and relief described in subpara-  
22 graph (B).

23           “(2) OTHER ACTIONS.—The Administrator may  
24 issue such orders as may be necessary to protect  
25 health or the environment from a chemical substance

1 or mixture or article containing such substance or  
2 mixture that may present an imminent and substan-  
3 tial endangerment to health or the environment.  
4 Such orders may include any requirements on the  
5 manufacture, processing, distribution in commerce,  
6 use, or disposal of a chemical substance or mixture,  
7 or article containing such substance or mixture, as  
8 the Administrator determines are necessary to pro-  
9 tect health or the environment, including the condi-  
10 tions that may be imposed under section 6(c)(2) and  
11 the relief authorized in subsection (b) of this section.

12 “(3) RELATIONSHIP TO EXISTING RULES, OR-  
13 DERS, AND PROCEEDINGS.—A civil action may be  
14 commenced under paragraph (1) or other action may  
15 be taken under paragraph (2), notwithstanding the  
16 existence of a rule or order under this Act and not-  
17 withstanding the pendency of any administrative or  
18 judicial proceeding under this Act.”.

19 (2) In subsection (b)—

20 (A) in paragraph (1)—

21 (i) by striking “subsection (a)” and  
22 inserting “subsection (a)(1)”; and

23 (ii) by striking “unreasonable risk”  
24 and inserting “imminent and substantial  
25 endangerment”;

1 (B) in paragraph (2)—

2 (i) by striking “subsection (a)” and  
3 inserting “subsection (a)(1)”;

4 (ii) by striking “or distributes in com-  
5 merce” and inserting “distributes in com-  
6 merce, uses, or disposes of”;

7 (iii) by striking “risk” each place it  
8 appears and inserting “hazard”; and

9 (iv) by striking “or (E)” and inserting  
10 “(E) conditions that may be imposed  
11 under section 6(c); or (F)”;

12 (C) in paragraph (3), by striking “sub-  
13 section (a)” and inserting “subsection (a)(1)”.

14 (3) In subsection (c), by striking “subsection  
15 (a)” each place it appears and inserting “subsection  
16 (a)(1)”.

17 (4) By amending subsection (d) to read as fol-  
18 lows:

19 “(d) ACTION UNDER SECTION 6.—As appropriate,  
20 concurrently with the filing of an action under subsection  
21 (a)(1) or as soon thereafter as may be practicable, the Ad-  
22 ministrator shall add the subject chemical substance or  
23 mixture to the priority list under section 6(a) or initiate  
24 a redetermination of whether the subject chemical sub-

1 stance or mixture meets the safety standard under section  
2 6(b).”.

3 (5) In subsection (e), by striking “subsection  
4 (a)” and inserting “subsection (a)(1)”.

5 (6) By striking subsection (f).

6 **SEC. 8. REPORTING AND RETENTION OF INFORMATION.**

7 Section 8 of the Toxic Substances Control Act (15  
8 U.S.C. 2607) is amended—

9 (1) by striking subsection (a) and redesignating  
10 subsection (b) as subsection (c);

11 (2) by redesignating subsection (e) as sub-  
12 section (h);

13 (3) by redesignating subsection (c) as sub-  
14 section (e);

15 (4) by striking subsection (d);

16 (5) by redesignating subsection (f) as sub-  
17 section (j);

18 (6) by inserting before subsection (c), as redес-  
19 igned by paragraph (1) of this section, the fol-  
20 lowing new subsections:

21 “(a) DECLARATIONS.—

22 “(1) IN GENERAL.—(A) Each manufacturer or  
23 processor of a chemical substance distributed in  
24 commerce shall submit to the Administrator a dec-  
25 laration described in paragraph (2) or (3), accom-

1 panied by the certification described in subsection  
2 (i), not later than 1 year after the date of enactment  
3 of the Toxic Chemicals Safety Act of 2010 or 1 year  
4 after commencement of such manufacturing or proc-  
5 essing, whichever is earlier.

6 “(B) The Administrator may additionally re-  
7 quire submission of a declaration described in para-  
8 graph (2) or (3), accompanied by the certification  
9 described in subsection (i), from any manufacturer  
10 or processor of a mixture determined by the Admin-  
11 istrator to have substance characteristics different  
12 from the substance characteristics of the constituent  
13 chemical substances, in kind or degree.

14 “(2) DECLARATION OF CURRENT MANUFAC-  
15 TURE OR PROCESSING.—A declaration described in  
16 this paragraph is a statement that includes, for each  
17 chemical substance or mixture that is manufactured  
18 or processed by a manufacturer or processor—

19 “(A) the chemical identity of the chemical  
20 substance or mixture;

21 “(B) the name and location of each facility  
22 under the control of the manufacturer or proc-  
23 essor at which the chemical substance or mix-  
24 ture is manufactured or processed or from



1           which the chemical substance or mixture is dis-  
2           tributed in commerce;

3           “(C) the number of individuals exposed,  
4           and reasonable estimates of the number who  
5           will be exposed, to such substance or mixture in  
6           their places of employment and the duration of  
7           such exposure;

8           “(D) a list of health and safety studies  
9           conducted or initiated by or for, known to, or  
10          reasonably ascertainable by the manufacturer  
11          or processor with respect to the chemical sub-  
12          stance or mixture, and copies of any such stud-  
13          ies that have not previously been submitted to  
14          the Administrator by the manufacturer or proc-  
15          essor; and

16          “(E) all other information known to, in the  
17          possession or control of, or reasonably ascer-  
18          tainable by the manufacturer or processor that  
19          has not previously been submitted to the Ad-  
20          ministrator by the manufacturer or processor  
21          regarding—

22                  “(i) the physical, chemical, and toxi-  
23                  cological properties of the chemical sub-  
24                  stance or mixture, including classification  
25                  of the toxicity of the chemical in accord-

1           ance with the Globally Harmonized System  
2           for Hazard Communication;

3           “(ii) the categories or proposed cat-  
4           egories of intended use of each such sub-  
5           stance or mixture;

6           “(iii) the total amount of each sub-  
7           stance and mixture manufactured or proc-  
8           essed, reasonable estimates of the total  
9           amount to be manufactured or processed,  
10          the amount manufactured or processed for  
11          each of its categories of use, and reason-  
12          able estimates of the amount to be manu-  
13          factured or processed for each of its cat-  
14          egories of use or proposed categories of  
15          use;

16          “(iv) a description of the byproducts  
17          resulting from the manufacture, proc-  
18          essing, use, or disposal of each such sub-  
19          stance or mixture;

20          “(v) exposure information relating to  
21          the chemical substance or mixture;

22          “(vi) any condition or conditions cur-  
23          rently placed on the chemical substance or  
24          mixture due to regulation under any Fed-  
25          eral law or due to voluntary action; and

1                   “(vii) for a processor of a chemical  
2                   substance, any information indicating that  
3                   a mixture including the chemical substance  
4                   has substance characteristics that are dif-  
5                   ferent from the substance characteristics of  
6                   the named chemical substances, in kind or  
7                   degree.

8                   To the extent feasible, the Administrator shall  
9                   not require under paragraph (1), any reporting  
10                  which is unnecessary or duplicative.

11                  “(3) DECLARATION OF PERMANENT CESSATION  
12                  OF MANUFACTURING OR PROCESSING.—A manufac-  
13                  turer or processor that permanently ceases manufac-  
14                  ture or processing of a chemical substance or mix-  
15                  ture shall file a declaration certifying that the manu-  
16                  facturer or processor has permanently ceased all  
17                  manufacturing or processing of the chemical sub-  
18                  stance or mixture, not later than 180 days after ces-  
19                  sation is complete. A declaration under this para-  
20                  graph may be filed based on an intention to perma-  
21                  nently cease manufacture or processing, in which  
22                  case such cessation must be completed not later  
23                  than 180 days after the declaration is filed.

24                  “(4) UPDATING OF DECLARATION.—Each man-  
25                  ufacturer or processor of a chemical substance or

1 mixture that submits to the Administrator a declara-  
2 tion required under paragraph (2) shall submit an  
3 update of the previously submitted declaration to the  
4 Administrator, at a minimum, once every 3 years,  
5 and immediately, at any time at which there be-  
6 comes known or available to, in the possession or  
7 control of, or reasonably ascertainable by the manu-  
8 facturer or processor, significant new information re-  
9 garding a physical, chemical, toxicological property  
10 or use of, or exposure to, the chemical substance or  
11 mixture, indicating a new potential adverse effect of  
12 the chemical substance or mixture, suggesting an  
13 adverse effect at a lower dose than previously dem-  
14 onstrated, or otherwise reasonably relevant to an  
15 analysis of whether the chemical substance or mix-  
16 ture meets the safety standard under section 6.

17 “(5) RECORDS TO SUPPORT DECLARATIONS.—  
18 Each manufacturer or processor of a chemical sub-  
19 stance, substance, or mixture, as applicable, distrib-  
20 uted in commerce shall maintain records of the in-  
21 formation described in subparagraphs (A) through  
22 (E) of paragraph (2).

23 “(6) PROHIBITION.—The Administrator may  
24 impose penalties, pursuant to section 16, on a manu-  
25 facturer or processor in violation of paragraphs (1)

1 or (4), or, by order, prohibit, or otherwise impose  
2 conditions under section 6(c), on the manufacture,  
3 processing, or distribution in commerce of a chem-  
4 ical substance or mixture, or any article containing  
5 such chemical substance or mixture, by a manufac-  
6 turer or processor in violation of such paragraphs.

7 “(b) RECORDKEEPING AND REPORTS.—

8 “(1) The Administrator may, by rule or order,  
9 require any person who manufactures, processes,  
10 distributes in commerce, uses for commercial pur-  
11 poses, repackages, or disposes of a chemical sub-  
12 stance, mixture, or article containing such substance  
13 or mixture (other than as described in paragraph  
14 (2)) to maintain records of and submit reports by a  
15 specified date, to supply any information concerning  
16 the chemical substance, mixture, or article con-  
17 taining such substance or mixture that, in the judg-  
18 ment of the Administrator, would assist the Admin-  
19 istrator in—

20 “(A) making a safety standard determina-  
21 tion with respect to a chemical substance or  
22 mixture under this title; or

23 “(B) administering any other provision of  
24 this Act.

1           “(2) With respect to the manufacture, proc-  
2           essing, distribution in commerce, use, or disposal of  
3           a chemical substance or mixture in small quantities  
4           (as defined by the Administrator by rule) solely for  
5           purposes of scientific experimentation or analysis or  
6           chemical research, including any such research or  
7           analysis for the development of a product, the Ad-  
8           ministrator may require a person to maintain  
9           records or submit a report under paragraph (1) only  
10          to the extent the Administrator determines the  
11          maintenance of records or submission of reports, or  
12          both, is necessary for the effective enforcement of  
13          this Act.

14           “(3) The Administrator may impose penalties,  
15          pursuant to section 16, on a person in violation of  
16          a requirement of a rule or order under paragraph  
17          (1) or, by order, prohibit, or otherwise impose condi-  
18          tions under section 6(c), on the manufacture, proc-  
19          essing, or distribution in commerce of a chemical  
20          substance or mixture, or any article containing such  
21          chemical substance or mixture, by a person in viola-  
22          tion of such a requirement.”;

23           (7) in subsection (c), as redesignated by para-  
24          graph (1) of this section—

1 (A) in the subsection heading, by inserting  
2 “AND CATEGORIZATION” after “INVENTORY”;

3 (B) by amending paragraph (1) to read as  
4 follows:

5 “(1) INVENTORY.—The Administrator shall  
6 compile, keep current, publish and enter into the  
7 public database established pursuant to subsection  
8 (d) a list of each chemical substance, and each mix-  
9 ture for which a declaration is received, which is  
10 manufactured or processed in the United States.  
11 Such list shall at least include each such chemical  
12 substance or mixture which any person reports,  
13 under section 5 or subsection (a)(2) of this section,  
14 is manufactured or processed in the United States,  
15 but shall not include any chemical substance or mix-  
16 ture for which all manufacturers and processors  
17 have submitted declarations under subsection (a)(3).  
18 In the case of a chemical substance or mixture for  
19 which a notice is submitted in accordance with sec-  
20 tion 5, the date of such notice shall be included in  
21 the list under this section, in addition to the date on  
22 which the chemical substance or mixture was first  
23 added to the list. The Administrator shall first pub-  
24 lish such a list not later than 24 months after the  
25 effective date of the Toxic Chemicals Safety Act of

1 2010. The Administrator shall not include in such  
2 list any chemical substance or mixture which is man-  
3 ufactured or processed only in small quantities (as  
4 defined by the Administrator by rule) solely for pur-  
5 poses of scientific experimentation or analysis or  
6 chemical research on, or analysis of, such substance  
7 or mixture or another substance or mixture, includ-  
8 ing such research or analysis for the development of  
9 a product.”; and

10 (C) by amending paragraph (2) to read as  
11 follows:

12 “(2) CATEGORIZED INVENTORY.—Not later  
13 than 5 years after the date of enactment of the  
14 Toxic Chemicals Safety Act of 2010, and no less  
15 than every 3 years thereafter, the Administrator  
16 shall publish in the Federal Register and enter in  
17 the public database established pursuant to sub-  
18 section (d) a list of all chemical substances and mix-  
19 tures manufactured, processed, or distributed in  
20 commerce that categorizes the chemical substances  
21 and mixtures, based on existing information avail-  
22 able to the Administrator, based upon health or en-  
23 vironmental adverse effects, exposure, or other cri-  
24 teria that the Administrator determine appro-  
25 priate.”;



1           (8) by inserting after subsection (c), as redesignated by paragraph (1) of this section, the following  
2           new subsection:  
3

4           “(d) PUBLIC DATABASE AND ACCESS TO SIGNIFICANT INFORMATION.—

5  
6           “(1) PUBLIC DATABASE.—Not later than 1 year after the date of the enactment of Toxic Chemicals  
7           Safety Act of 2010, the Administrator shall establish—  
8  
9

10                   “(A) an electronic database that is searchable, sortable, downloadable, and publicly accessible on the Internet for storing and sharing of  
11                   information relating to the toxicity and use of, and exposure to, chemical substances and mixtures; and  
12  
13  
14  
15

16                   “(B) procedures for use in maintaining and updating the database.  
17

18           “(2) PUBLIC ACCESS TO SIGNIFICANT INFORMATION.—Not later than 90 days after the date of any  
19           significant decision made by the Administrator or receipt by the Administrator of any significant information submitted pursuant to this title, the Administrator shall, subject to section 14, make available  
20  
21  
22  
23  
24  
25           to the public on the public database established pursuant to paragraph (1) such significant decision

1 made by the Administrator under this title or such  
2 significant information submitted pursuant to this  
3 title.”;

4 (9) in subsection (e), as redesignated by para-  
5 graph (3) of this section—

6 (A) in the subsection heading, by inserting  
7 “OF SIGNIFICANT ADVERSE REACTIONS” after  
8 “RECORDS”; and

9 (B) by inserting “Such records shall be  
10 submitted to the Administrator on an annual  
11 basis, or immediately upon request by the Ad-  
12 ministrator.” after the first sentence;

13 (10) by inserting after subsection (e), as redesi-  
14 gnated by paragraph (3) of this section, the fol-  
15 lowing new subsections:

16 “(f) DISCLOSURES TO COMMERCIAL PURCHASERS.—  
17 Effective 1 year after the date of enactment of the Toxic  
18 Chemicals Safety Act of 2010, all manufacturers and  
19 processors of chemical substances and mixtures subject to  
20 this section shall provide, with shipment or promptly  
21 thereafter and by request, to all known commercial pur-  
22 chasers of the chemical substances and mixtures they  
23 manufacture or process a disclosure, subject to section 14,  
24 of—

1           “(1) the chemical identity of the chemical sub-  
2           stance or, for mixtures, the chemical identity of all  
3           chemical ingredients;

4           “(2) all information regarding toxicological  
5           properties of the chemical substance or mixture sub-  
6           mitted to the Administrator under subsection (a);

7           “(3) the list of health and safety studies sub-  
8           mitted to the Administrator under subsection (a),  
9           with copies of the individual studies available upon  
10          request; and

11          “(4) any records of significant adverse reactions  
12          submitted to the Administrator under subsection (e).

13          “(g) INFORMATION IN THE POSSESSION OF OTHER  
14          FEDERAL AGENCIES.—

15                 “(1) The Administrator may request, and upon  
16                 such request a Federal agency shall submit to the  
17                 Administrator, any information in the possession or  
18                 control of such Federal agency relating to a hazard  
19                 of, use of, exposure to, or risk of a chemical sub-  
20                 stance or mixture, or a report, including copies of  
21                 the data and records in the possession or control of  
22                 such Federal agency that may be useful to the Ad-  
23                 ministrator in carrying out the purposes of this Act.

1           “(2) The Administrator shall specify the for-  
2           mat, content, and level of detail of any report re-  
3           quested under paragraph (1).

4           “(3) Each Federal agency shall make its initial  
5           submission to the Administrator within 60 days of  
6           receipt of the specification under paragraph (2).

7           “(4) The Administrator shall issue a request  
8           pursuant to paragraph (1) to each Federal agency  
9           which the Administrator reasonably expects may  
10          have information on chemical substances or mixtures  
11          that would assist the Administrator in making a  
12          safety standard determination for a chemical sub-  
13          stance or mixture under this title. Such requests  
14          shall be issued by the Administrator not later than  
15          12 months after the date on which the Adminis-  
16          trator lists a chemical substance or mixture on the  
17          priority list under section 6(a), or, for chemical sub-  
18          stances identified in section 6(a)(1)(A), 12 months  
19          after enactment of the Toxic Chemicals Safety Act  
20          of 2010.”; and

21          (11) by inserting after subsection (h), as reded-  
22          signed by paragraph (2) of this section, the fol-  
23          lowing new subsection:

24          “(i) CERTIFICATION.—Each submission required  
25          pursuant to this title, or pursuant to a rule or an order

1 promulgated or issued by the Administrator under this  
2 title, other than a submission under subsection (g), shall  
3 be accompanied by a certification signed by a responsible  
4 official of the submitting party that each statement con-  
5 tained in the submission—

6           “(1) is accurate and reliable; and

7           “(2) includes all material facts known to, in the  
8           possession or control of, or reasonably ascertainable  
9           by the manufacturer or processor.”.

10 **SEC. 9. RELATIONSHIP TO OTHER FEDERAL LAWS.**

11           Section 9(a)(1) of the Toxic Substances Control Act  
12 (15 U.S.C. 2608(a)(1)) is amended—

13           (1) by striking “the manufacture, processing,  
14           distribution in commerce, use, or disposal of” after  
15           “If the Administrator has reasonable basis to con-  
16           clude that”;

17           (2) by striking “, or that any combination of  
18           such activities, presents or will present an unreason-  
19           able risk of injury to health or the environment” and  
20           inserting “does not meet the safety standard under  
21           section 6(b)”;

22           (3) by striking “such risk may be prevented”  
23           and inserting “that the risk associated with the  
24           chemical substance or mixture may be prevented”;

1 (4) by striking “describes such risk” and insert-  
2 ing “describes the risk associated with the chemical  
3 substance or mixture”; and

4 (5) in the matter following subparagraph (B)—

5 (A) by striking “Any report” and inserting  
6 “Any such report”;

7 (B) by striking “information on which it is  
8 based and shall be published in the Federal  
9 Register” and inserting “information on which  
10 it is based and shall be promptly published in  
11 the Federal Register and entered into the pub-  
12 lic database established pursuant to section  
13 8(d)”;

14 (C) by inserting “and not more than 180  
15 days” after “but such time specified may not be  
16 less than 90 days”; and

17 (D) by inserting “and entered into the  
18 public database established pursuant to section  
19 8(d)” after “conclusions of the agency and shall  
20 be published in the Federal Register”.

21 **SEC. 10. MIXTURES.**

22 (a) MIXTURE DEFINITION AND DETERMINATION.—  
23 Section 3 of the Toxic Substances Control Act (15 U.S.C.  
24 2602), as amended by section 3 of this Act, is further  
25 amended—

1           (1) by amending paragraph (8) to read as fol-  
2           lows:

3           “(8) The term ‘mixture’ means any composition  
4           of two or more chemical substances if the composi-  
5           tion does not occur in nature, and is not, in whole  
6           or in part, the result of a chemical reaction.”; and

7           (2) by inserting after paragraph (b)(2) the fol-  
8           lowing new paragraph:

9           “(3) The Administrator may determine dif-  
10          ferent mixtures comprised of the same chemical sub-  
11          stances to be the same mixture for purposes of this  
12          Act, if the substance characteristics of the mixtures  
13          are identical. Mixtures which would be considered  
14          new mixtures but for grouping under this paragraph  
15          shall not be considered new mixtures for purposes of  
16          this Act.”.

17          (b) QUANTIFICATION.—Subsection (c) of section 8 of  
18          the Toxic Substances Control Act (15 U.S.C. 2607), as  
19          amended by section 8 of this Act, is further amended by  
20          adding at the end the following new paragraph:

21          “(3) MIXTURE SURVEY.—Not later than 6  
22          years after the date of enactment of the Toxic  
23          Chemicals Safety Act of 2010, the Administrator  
24          shall, based on declarations under this section and  
25          a survey of processors as necessary and appropriate,

1 characterize the number of mixtures, including mix-  
2 tures grouped pursuant to paragraph (b)(3) of sec-  
3 tion 3, introduced into commerce in the United  
4 States, and the number of such mixtures that have  
5 or may have substance characteristics that are dif-  
6 ferent, in kind or degree, from the substance charac-  
7 teristics of the constituent chemical substances, and  
8 shall publish such characterization in the Federal  
9 Register and enter it in the public database estab-  
10 lished in subsection (d).”.

11 **SEC. 11. INSPECTIONS AND SUBPOENAS.**

12 Section 11 of the Toxic Substances Control Act (15  
13 U.S.C. 2610) is amended—

14 (1) in subsection (a)—

15 (A) by inserting “commercial” after “es-  
16 tablishment, facility, or other”;

17 (B) by striking “premises in which chem-  
18 ical substances, mixtures” and inserting “prem-  
19 ises in which chemical substances or mixtures  
20 subject to this Act, articles containing such sub-  
21 stances or mixtures”;

22 (C) by inserting “and any place where  
23 records relating to such chemical substances,  
24 mixtures, articles, or products or otherwise re-  
25 lating to compliance with this Act, are held”



1 after “or such articles in connection with dis-  
2 tribution in commerce”; and

3 (D) by adding at the end the following:

4 “The Administrator, and any duly designated representa-  
5 tive of the Administrator, may also inspect and obtain  
6 samples of any such chemical substances, mixtures, or ar-  
7 ticles, and any containers or labeling of such chemical sub-  
8 stances, mixtures, or articles.”; and

9 (2) in subsection (b)—

10 (A) in paragraph (1), by striking “chem-  
11 ical substances, mixtures, or products” and in-  
12 serting “chemical substances or mixtures sub-  
13 ject to this Act, articles containing such sub-  
14 stances or mixtures, or products”; and

15 (B) in paragraph (2)(E), by inserting “or  
16 order” after “rule”.

17 **SEC. 12. EXPORTS.**

18 Section 12 of the Toxic Substances Control Act (15  
19 U.S.C. 2611) is amended—

20 (1) by striking subsection (a) and redesignating  
21 subsections (b) and (c) as subsections (a) and (b),  
22 respectively;

23 (2) in subsection (a), as redesignated by para-  
24 graph (1) of this section—

25 (A) in paragraph (1)—

1 (i) by striking “or intends to export”;

2 (ii) by striking “or 5(b)”;

3 (iii) by striking “or intent to export”

4 and inserting “not later than 30 days after

5 the date of exportation of the substance or

6 mixture”; and

7 (iv) by inserting “promptly there-

8 after” before “furnish”;

9 (B) in paragraph (2)—

10 (i) by striking “or intends to export”;

11 (ii) by striking “an order has been

12 issued under section 5 or a rule has been

13 proposed or promulgated under section 5

14 or 6, or with respect to which an action is

15 pending, or relief has been granted under

16 section 5 or 7” and inserting “a condition

17 has been imposed pursuant to section

18 6(c)(2) or an action has been taken pursu-

19 ant to section 7”;

20 (iii) by striking “or intent to export”

21 and inserting “not later than 30 days after

22 the date of exportation of the substance or

23 mixture”;

24 (iv) by inserting “promptly there-

25 after” before “furnish”; and

1 (v) by striking “such rule, order, ac-  
2 tion, or relief” and inserting “such condi-  
3 tion imposed pursuant to section 6(c)(2) or  
4 such action taken pursuant to section 7”;  
5 and

6 (C) by adding at the end the following new  
7 paragraph:

8 “(3)(A) Any person that has previously notified  
9 the Administrator of the exportation of a chemical  
10 substance or mixture under this section shall notify  
11 the Administrator of any change in the information  
12 provided in the original notice not later than 30  
13 days after such a change.

14 “(B) The Administrator shall furnish, as  
15 promptly as feasible, an updated notice to the gov-  
16 ernments that have been notified pursuant to para-  
17 graphs (1) and (2) regarding the exportation of any  
18 chemical substance or mixture subject to this section  
19 if—

20 “(i) new data for such substance or mix-  
21 ture have been received by the Administrator  
22 pursuant to section 4, section 5(b), section 8(e),  
23 or section 8(h);

1           “(ii) the Administrator has received notice  
2           under subparagraph (A) of a change in the in-  
3           formation provided in the original notice; or

4           “(iii) a change has been made in any con-  
5           ditions imposed pursuant to section 6(c) or sec-  
6           tion 7 for such substance or mixture.”;

7           (3) in subsection (b), as redesignated by para-  
8           graph (1), by striking paragraph (2) and redesign-  
9           nating paragraphs (3), (4), (5), and (6) as para-  
10          graphs (2), (3), (4), and (5), respectively; and

11          (4) by adding at the end the following new sub-  
12          sections:

13          “(c) CHEMICALS LISTED UNDER THE PIC CONVEN-  
14          TION.—If any person intends to export to a foreign coun-  
15          try a chemical substance or mixture listed in Annex III  
16          of the PIC Convention as of the date of enactment of the  
17          Toxic Chemicals Safety Act of 2010, such person shall file  
18          the notice required under subsection (a) not later than 30  
19          days prior to the date of exportation of such substance  
20          or mixture and shall include therein the information re-  
21          quired for export under such Convention as of the date  
22          of enactment of the Toxic Chemicals Safety Act of 2010.

23          “(d) PUBLIC RECORDS.—The Administrator shall  
24          maintain copies of all current notices provided to other

1 governments under this section, and make such copies  
2 available to the public in electronic format.

3 “(e) DEFINITION.—For purposes of this title, the  
4 term ‘PIC Convention’ means the Rotterdam Convention  
5 on the Prior Informed Consent Procedure for Certain  
6 Hazardous Chemicals and Pesticides in International  
7 Trade, adopted in Rotterdam on September 10, 1998, and  
8 any subsequent amendment or protocol.”.

9 **SEC. 13. ENTRY INTO CUSTOMS TERRITORY OF THE**  
10 **UNITED STATES.**

11 Section 13 of the Toxic Substances Control Act (15  
12 U.S.C. 2612) is amended—

13 (1) by redesignating subsections (a) and (b) as  
14 subsections (b) and (c), respectively;

15 (2) by inserting, before subsection (b), as redес-  
16 igned by paragraph (1) of this section, the fol-  
17 lowing new subsection:

18 “(a) DUTIES OF IMPORTERS.—The importer of any  
19 chemical substance, mixture, or article containing a chem-  
20 ical substance or mixture for distribution in commerce  
21 shall satisfy all requirements under sections 4, 5, 6, and  
22 8 of this Act, without regard to whether the chemical sub-  
23 stance or mixture has been formed into or contained in  
24 an article prior to importation.”;

1           (3) in subsection (b), as redesignated by para-  
2 graph (1) of this section—

3           (A) by amending the subsection heading to  
4 read as follows:

5           “(b) ENTRY.—”;

6           (B) by striking “Secretary of the Treas-  
7 ury” each place it appears and inserting “Sec-  
8 retary of Homeland Security”; and

9           (C) in paragraph (1), by striking the em  
10 dash and subparagraphs (A) and (B) and in-  
11 serting “the substance, mixture, or article fails  
12 to comply with or is offered for entry in viola-  
13 tion of any rule or order in effect under this  
14 Act.”; and

15          (4) in subsection (c), as redesignated by para-  
16 graph (1) of this section—

17          (A) by striking “Secretary of the Treas-  
18 ury” and inserting “Secretary of Homeland Se-  
19 curity”; and

20          (B) by striking “subsection (a)” and in-  
21 serting “subsection (b)”.

22 **SEC. 14. DISCLOSURE OF DATA.**

23          Section 14 of the Toxic Substances Control Act (15  
24 U.S.C. 2613) is amended—

1           (1) by redesignating subsections (a) and (b) as  
2 subsections (c) and (d), respectively;

3           (2) by redesignating subsections (c) through (e)  
4 as subsections (f) through (h), respectively;

5           (3) by inserting, before subsection (c), as reded-  
6 igned by paragraph (1) of this section, the fol-  
7 lowing new subsections:

8           “(a) ADMINISTRATOR RESPONSIBILITIES.—The Ad-  
9 ministrator shall ensure that—

10           “(1) information control designations under this  
11 section are not a determinant of public disclosure  
12 pursuant to section 552 of title 5, United States  
13 Code (commonly referred to as the ‘Freedom of In-  
14 formation Act’); and

15           “(2) all information in the Administrator’s pos-  
16 session that is releasable pursuant to an appropriate  
17 request under section 552 of title 5, United States  
18 Code (commonly referred to as the ‘Freedom of In-  
19 formation Act’), is made available to members of the  
20 public.

21           “(b) RULE OF CONSTRUCTION.—Nothing in this sec-  
22 tion shall be construed to prevent or discourage the Ad-  
23 ministrator from voluntarily releasing to the public any  
24 unclassified information that is not exempt from dislo-  
25 sure under section 552 of title 5, United States Code

1 (commonly referred to as the ‘Freedom of Information  
2 Act’).”;

3 (4) in subsection (c), as redesignated by para-  
4 graph (1) of this subsection—

5 (A) by striking “Except as provided by  
6 subsection (b)” and all that follows through  
7 “subsection (b)(4) of such section,” and insert-  
8 ing “Except as provided by subsection (d), in-  
9 formation submitted to the Administrator pur-  
10 suant to this Act may be designated for infor-  
11 mation protection by the submitter of such in-  
12 formation based on the submitter’s reasonable  
13 belief that the information is eligible for protec-  
14 tion under section 552 of title 5, United States  
15 Code. Information designated for protection  
16 under this section”;

17 (B) by inserting “unless the designation is  
18 determined to be inappropriate,” after “Admin-  
19 istrator or by any officer or employee of the  
20 United States,”;

21 (C) by redesignating paragraphs (3) and  
22 (4) as paragraphs (4) and (5), respectively;

23 (D) by adding after paragraph (2) the fol-  
24 lowing new paragraph:



1           “(3) shall be disclosed upon request to a State,  
2           tribal, or municipal government, including identifica-  
3           tion of the location of the manufacture, processing,  
4           or storage of a chemical substance upon the request  
5           of the government for the purpose of administration  
6           or enforcement of a law, if one or more applicable  
7           agreements ensure that the recipient government  
8           will take appropriate steps to maintain the confiden-  
9           tiality of the information in accordance with this sec-  
10          tion and section 350.27 of title 40, Code of Federal  
11          Regulations, or any successor to such regulation;”;  
12          and

13                 (E) in paragraph (4), as redesignated by  
14                 subparagraph (C) of this paragraph, by striking  
15                 “an unreasonable” and inserting “a substan-  
16                 tial”;

17                 (5) in subsection (d), as redesignated by para-  
18          graph (1) of this section—

19                 (A) in the subsection heading, by striking  
20                 “DATA FROM HEALTH AND SAFETY STUDIES”  
21                 and inserting “INFORMATION NOT ELIGIBLE  
22                 FOR PROTECTION”;

23                 (B) by amending paragraph (1) to read as  
24          follows:

1           “(1) The following types of information shall  
2 not be eligible for protection under this section, and  
3 the Administrator shall not approve a request to  
4 protect information of the following types under this  
5 section:

6           “(A) The identity of a chemical substance  
7 when included in a health and safety study,  
8 safety standard determination under section  
9 6(b), or information indicating the presence of  
10 the chemical substance in a consumer article in-  
11 tended for use or reasonably expected to be  
12 used by children or indicating exposure to the  
13 chemical substance in children.

14           “(B) The components of a mixture, when  
15 included in a health and safety study, safety  
16 standard determination under section 6(b), or  
17 information indicating the presence of the mix-  
18 ture in a consumer article intended for use or  
19 reasonably expected to be used by children or  
20 indicating exposure to the mixture in children.

21           “(C) Any safety standard developed under  
22 section 6(b).

23           “(D) Any health and safety study which is  
24 submitted under this Act with respect to—

1                   “(i) any chemical substance or mix-  
2                   ture—

3                   “(I) which, on the date on which  
4                   such study is to be disclosed has been  
5                   offered for commercial distribution; or

6                   “(II) for which testing is re-  
7                   quired under section 4 or for which  
8                   notification is required under section  
9                   5 of this title; and

10                  “(ii) any data reported to, or other-  
11                  wise obtained by, the Administrator from a  
12                  health and safety study which relates to a  
13                  chemical substance or mixture described in  
14                  clause (i).

15                  “(E) Any information indicating the pres-  
16                  ence of a chemical substance or mixture in a  
17                  consumer article intended for use or reasonably  
18                  expected to be used by children or indicating  
19                  exposure to the chemical substance or mixture  
20                  in children.

21                  This paragraph does not authorize the release of any  
22                  data which discloses processes used in the manufac-  
23                  turing or processing of a chemical substance or mix-  
24                  ture or, in the case of a mixture, the release of data

1 disclosing the portion of the mixture comprised by  
2 any of the chemical substances in the mixture.”; and

3 (C) in paragraph (2)—

4 (i) by striking “the first sentence of  
5 paragraph (1)” and inserting “paragraph  
6 (1)(D)”;

7 (ii) by striking “in the second sen-  
8 tence of such paragraph” and inserting “in  
9 the last sentence of paragraph (1)”;

10 (6) by inserting after subsection (d), as redesign-  
11 nated by paragraph (1) of this section, the following  
12 new subsection:

13 “(e) GUIDANCE.—Not later than 1 year after the  
14 date of enactment of the Toxic Chemicals Safety Act of  
15 2010, the Administrator shall by order develop and make  
16 publicly available guidance that specifies—

17 “(1) the format for and manner for designating  
18 information for protection;

19 “(2) the acceptable bases on which written re-  
20 quests to protect information under this section may  
21 be approved, which shall be no more restrictive of  
22 public disclosure than section 552 of title 5, United  
23 States Code; and

24 “(3) the documentation that must accompany  
25 such requests.”;

1           (7) by amending subsection (f), as redesignated  
2           by paragraph (2) of this section, to read as follows:

3           “(f) DESIGNATION AND RELEASE OF CONFIDENTIAL  
4 INFORMATION.—

5           “(1) DUTIES OF MANUFACTURERS AND PROC-  
6           ESSORS.—In submitting information under this Act,  
7           a manufacturer, processor, or distributor in com-  
8           merce may designate the information which such  
9           person believes is entitled to protection under this  
10          section, and submit such designated information sep-  
11          arately from other information submitted under this  
12          Act. A designation under this paragraph shall be ac-  
13          companied by the appropriate fee under subsection  
14          (i), shall be made in writing and in such manner as  
15          the Administrator may prescribe, and shall in-  
16          clude—

17                  “(A) justification for each claim of con-  
18                  fidentiality;

19                  “(B) a certification that the information is  
20                  not otherwise publicly available; and

21                  “(C) separate copies of all submitted infor-  
22                  mation, with 1 copy containing and 1 copy ex-  
23                  cluding the information to which the request  
24                  applies.

1 Designations shall last for 5 years, at which time the  
2 information shall be made public unless the manu-  
3 facturer or processor has submitted a request for re-  
4 newal, accompanied by the appropriate fee under  
5 subsection (i), made in writing and in such manner  
6 as the Administrator may prescribe, including all of  
7 the elements required for the initial submission.

8 “(2) DUTIES OF THE ADMINISTRATOR.—The  
9 Administrator shall—

10 “(A) evaluate a representative sample of  
11 all submitted designations and requests for re-  
12 newal within 60 days of their submission to de-  
13 termine whether—

14 “(i) each claim of confidentiality is  
15 justified under section 552 of title 5,  
16 United States Code, and any applicable  
17 guidance published under subsection (e);

18 “(ii) the designation was accompanied  
19 by the appropriate fee, made in writing  
20 and in such manner as prescribed by the  
21 Administrator, and included the necessary  
22 components; and

23 “(iii) the information is not publicly  
24 available;

1           “(B) release all information previously des-  
2           signed for protection if one or more of the cri-  
3           teria in subparagraph (A) are not found;

4           “(C) determine whether the criteria in sub-  
5           paragraph (A) were met at the time the des-  
6           ignation was made; and

7           “(D) make such determinations publicly  
8           available.

9           “(3) NOTIFICATION.—(A) Except as provided  
10          by subparagraph (B), if the Administrator proposes  
11          to release for inspection data which has been des-  
12          ignated under paragraph (1) but not released under  
13          paragraph (2), the Administrator shall notify, in  
14          writing and by certified mail, the manufacturer,  
15          processor, or distributor in commerce who submitted  
16          such information of the intent to release such data.  
17          If the release of such data is to be made pursuant  
18          to a request made under section 552(a) of title 5,  
19          such notice shall be given immediately upon approval  
20          of such request by the Administrator. The Adminis-  
21          trator shall release the information in accordance  
22          with the disclosure and procedural requirements of  
23          section 552 of title 5, United States Code.

24          “(B)(i) Subparagraph (A) shall not apply to the  
25          release of information under paragraph (1), (2), (3),

1 (4), or (5) of subsection (c) of this section, except  
2 that the Administrator may not release data under  
3 paragraph (4) of subsection (c) of this section unless  
4 the Administrator has notified each manufacturer,  
5 processor, and distributor in commerce who sub-  
6 mitted such data of such release. Such notice shall  
7 be made in writing by certified mail at least 15 days  
8 before the release of such data, except if the Admin-  
9 istrator determines that the release of such data is  
10 necessary to protect against an imminent risk of in-  
11 jury to health or the environment.

12 “(ii) Subparagraph (A) shall not apply to the  
13 release of information described in subsection (c)(1)  
14 of this section other than information described in  
15 the last sentence of such subsection.”;

16 (8) in subsection (g), as redesignated by para-  
17 graph (2) of this section—

18 (A) by amending the subsection heading to  
19 read as follows:

20 “(g) PENALTIES FOR WRONGFUL DESIGNATION OR  
21 DISCLOSURE.—”;

22 (B) by redesignating paragraphs (1) and  
23 (2) as paragraphs (3) and (4), respectively;



1 (C) by inserting before paragraph (3), as  
2 redesignated by subparagraph (B) of this para-  
3 graph, the following new paragraphs:

4 “(1) Any manufacturer or processor whose des-  
5 ignation of information for protection under this sec-  
6 tion is found by the Administrator not to have met  
7 the criteria for protection under this section at the  
8 time the designation was made may be subject to  
9 administrative penalties under section 15.

10 “(2) Any manufacturer or processor who, know-  
11 ing that information does not meet the criteria for  
12 protection under this section, willfully designates  
13 such information for protection, shall be guilty of a  
14 misdemeanor and fined not more than \$5,000 or im-  
15 prisoned for not more than one year, or both.”; and

16 (D) in paragraph (4), as redesignated by  
17 subparagraph (B) of this paragraph—

18 (i) by striking “paragraph (1)” and  
19 inserting “paragraph (3)”; and

20 (ii) by striking “subsection (a)(2)”  
21 and inserting “subsection (c)(2)”; and

22 (9) by adding at the end the following new sub-  
23 sections:

24 “(i) FEES.—The Administrator may, by rule, require  
25 the payment of a reasonable fee from any person desig-

1 nating information for protection under this section or  
2 seeking to renew such a designation to defray the cost of  
3 administering this section. In setting a fee under this sub-  
4 section, the Administrator shall take into account the abil-  
5 ity to pay of the person designating or seeking renewal  
6 and the cost to the Administrator of reviewing such des-  
7 ignations.

8       “(j) RISK INFORMATION FOR WORKERS.—The Ad-  
9 ministrator shall provide standards for and facilitate the  
10 provision of the chemical identity, safety standard deter-  
11 mination, health and safety data, and any other informa-  
12 tion determined by the Administrator to be necessary to  
13 ensure worker safety, that pertains to chemical substances  
14 or mixtures, that workers may come into contact with or  
15 otherwise be exposed to during the course of their work,  
16 to such workers and representatives of each certified or  
17 recognized bargaining agent representing such workers.”.

18 **SEC. 15. PROHIBITED ACTS.**

19       Section 15 of the Toxic Substances Control Act (15  
20 U.S.C. 2614) is amended—

21           (1) in paragraph (1), by striking “(A)” and all  
22           that follows through “under title II” and inserting  
23           “any rule, order, prohibition, restriction, or other re-  
24           quirement imposed by this Act or by the Adminis-  
25           trator under this Act”;

1           (2) by amending paragraphs (2) and (3) to  
2 read as follows:

3           “(2) manufacture, process, distribute in com-  
4 merce, use for commercial purposes, or dispose of a  
5 chemical substance or mixture, or an article con-  
6 taining a chemical substance or mixture, which such  
7 person knew or had reason to know was manufac-  
8 tured, processed, or distributed in commerce in vio-  
9 lation of any rule, order, prohibition, restriction, or  
10 other requirement imposed by this Act or by the Ad-  
11 ministrator under this Act;

12           “(3) fail or refuse to (A) establish or maintain  
13 accurate and complete records, (B) submit or make  
14 accurate and complete reports, notices, disclosures,  
15 declarations, certifications, or other information, or  
16 (C) permit access to or copying of records, as re-  
17 quired by this Act or a rule thereunder;”;

18           (3) in paragraph (4), by striking the final pe-  
19 riod and inserting “; or”; and

20           (4) by adding at the end the following new  
21 paragraphs:

22           “(5) make or submit a statement, declaration,  
23 disclosure, certification, data set, or any oral, writ-  
24 ten, or electronic representation that is materially  
25 false, in whole or in part, or to falsify or conceal any

1 material fact, in taking any action or making any  
2 communication pursuant to this Act or pursuant to  
3 any rule or order promulgated or issued under this  
4 Act;

5 “(6) introduce or deliver for introduction into  
6 commerce or knowingly distribute in commerce a  
7 chemical substance or mixture, or an article con-  
8 taining a chemical substance or mixture—

9 “(A) that lacks or fails to comply in any  
10 material respect with any applicable labeling re-  
11 quirements imposed pursuant to section 6(c); or

12 “(B) the label, labeling or advertising of  
13 which is misleading in any material respect, in-  
14 cluding by reason of representations, either ex-  
15 plicit or implicit, that the chemical substance or  
16 mixture is available for a use other than an in-  
17 tended use; or

18 “(7) forge, counterfeit, simulate, falsely rep-  
19 resent, or use without proper authority any mark,  
20 stamp, tag, label, or other identification device au-  
21 thorized or required by this Act or by the Adminis-  
22 trator under this Act.”.

23 **SEC. 16. PENALTIES.**

24 Section 16 of the Toxic Substances Control Act (15  
25 U.S.C. 2615) is amended—

1 (1) in subsection (a)—

2 (A) in paragraph (1)—

3 (i) by striking “provision of section 15  
4 or 409” and inserting “provision of this  
5 Act or a rule promulgated or order issued  
6 pursuant to this Act, as described in sec-  
7 tion 15”;

8 (ii) by striking “\$25,000” and insert-  
9 ing “\$37,500”; and

10 (iii) by striking “violation of section  
11 15 or 409” and inserting “violation of this  
12 Act”;

13 (B) by redesignating paragraphs (2), (3),  
14 and (4) as paragraphs (3), (4), and (5), respec-  
15 tively;

16 (C) by inserting after paragraph (1) the  
17 following new paragraph:

18 “(2) In the case of any violation described in  
19 paragraph (1), the Administrator may commence a  
20 civil action in the appropriate United States district  
21 court to assess penalties pursuant to paragraph (1)  
22 or commence administrative action to assess pen-  
23 alties pursuant to paragraph (3).”;

1 (D) in subparagraph (A) of paragraph (3),  
2 as redesignated by subparagraph (B) of this  
3 paragraph—

4 (i) by striking “A civil penalty for a  
5 violation of section 15 or 409” and insert-  
6 ing “In any administrative action to assess  
7 penalties for a violation described in para-  
8 graph (1), a civil penalty for a violation”;  
9 and

10 (ii) by striking “within 15 days of”  
11 and inserting “not later than 15 days  
12 after”;

13 (E) in paragraph (4), as redesignated by  
14 subparagraph (B) of this paragraph—

15 (i) by striking “paragraph (2)(A)”  
16 and inserting “paragraph (3)(A)”; and

17 (ii) by striking “the United States  
18 Court of Appeals for the District of Co-  
19 lumbia Circuit or for any other circuit”  
20 and inserting “the appropriate district  
21 court of the United States for the dis-  
22 trict”; and

23 (F) in paragraph (5), as redesignated by  
24 subparagraph (B) of this paragraph, by striking

1 “paragraph (3)” each place it appears and in-  
2 serting “paragraph (4)”; and

3 (2) in subsection (b)—

4 (A) by inserting “(1)” before “Any person  
5 who”;

6 (B) by inserting “this Act, as described in”  
7 before “section 15”;

8 (C) by striking “or 409”;

9 (D) by striking “\$25,000” and inserting  
10 “\$50,000”;

11 (E) by striking “one year” and inserting  
12 “5 years”; and

13 (F) by adding at the end the following new  
14 paragraph:

15 “(2) Any person who knowingly or willfully violates  
16 any provision of this Act and who knows that such viola-  
17 tion may result in imminent danger of death or serious  
18 bodily injury to any person shall, upon conviction, be sub-  
19 ject to a fine of not more than \$250,000 or imprisonment  
20 of not more than 15 years, or both. A person that is not  
21 an individual shall, upon conviction of violating this para-  
22 graph, be subject to a fine of not more than \$1,000,000.”.

23 **SEC. 17. SPECIFIC ENFORCEMENT AND SEIZURE.**

24 Section 17 of the Toxic Substances Control Act (15  
25 U.S.C. 2616) is amended—

1 (1) in subsection (a)—

2 (A) in paragraph (1)—

3 (i) in subparagraph (A), by striking  
4 “or 409”;

5 (ii) in subparagraph (B), by striking  
6 “section 5, 6, or title IV, or by a rule or  
7 order under section 5, 6, or title IV” and  
8 inserting “this Act or a rule or order pro-  
9 mulgated or issued under this Act”; and

10 (iii) in subparagraph (D)—

11 (I) by striking “chemical sub-  
12 stance, mixture, or product” and in-  
13 sserting “ chemical substance or mix-  
14 ture subject to this Act, article con-  
15 taining such substance or mixture, or  
16 product”;

17 (II) by striking “of section 5, 6,  
18 or title IV” and inserting “of this  
19 Act”;

20 (III) by striking “under section  
21 5, 6, or title IV” and inserting “pro-  
22 mulgated or issued under this Act, as  
23 described in section 15”;

24 (IV) by inserting “, article” be-  
25 fore “, or product and, to the extent”;



1 (V) by inserting “, article” before  
2 “, or product or exposed to such sub-  
3 stance”;

4 (VI) by inserting “, article” be-  
5 fore “, or product, (ii) to give”; and

6 (VII) by inserting “, article” be-  
7 fore “, or product, whichever the per-  
8 son to which the requirement”; and

9 (B) in paragraph (2)—

10 (i) by striking “A civil action de-  
11 scribed in paragraph (1)” and inserting  
12 “The district courts of the United States  
13 shall have jurisdiction over a civil action  
14 described in paragraph (1). A civil action”;  
15 and

16 (ii) in subparagraph (A), by inserting  
17 “this Act, as described in” before “section  
18 15”; and

19 (2) in subsection (b), by striking “chemical sub-  
20 stance, mixture, or product” and inserting “chemical  
21 substance or mixture subject to this Act, or prod-  
22 uct”.

23 **SEC. 18. PREEMPTION.**

24 Section 18 of the Toxic Substances Control Act (15  
25 U.S.C. 2617) is amended to read as follows:

1 **“SEC. 18. PREEMPTION.**

2 “Nothing in this Act affects the right of a State or  
3 political subdivision of a State or a tribe to adopt or en-  
4 force any regulation, requirement, or standard of perform-  
5 ance that is different from or in addition to a regulation,  
6 requirement, liability, or standard of performance estab-  
7 lished pursuant to this Act unless compliance with both  
8 this Act and the State or political subdivision of a State  
9 or tribe regulation, requirement, or standard of perform-  
10 ance is impossible.”.

11 **SEC. 19. JUDICIAL REVIEW.**

12 Section 19 of the Toxic Substances Control Act (15  
13 U.S.C. 2618) is amended—

14 (1) in subsection (a)—

15 (A) in paragraph (1)—

16 (i) by striking subparagraph (B);

17 (ii) by striking “(A)”;

18 (iii) by inserting “or issuance” after  
19 “promulgation”;

20 (iv) by striking “section 4(a), 5(a)(2),  
21 5(b)(4), 6(a), 6(e), or 8, or under title II  
22 or IV” and inserting “this Act”;

23 (v) by inserting “or order” after  
24 “rule” each place it appears;

25 (vi) by inserting “except that if such  
26 petition is based solely on grounds arising

1 after such sixtieth day, then any petition  
2 for judicial review of such rule or order  
3 shall be filed within 60 days after such  
4 grounds arise” after “such person’s prin-  
5 cipal place of business is located”;

6 (vii) by striking “(other than in an  
7 enforcement proceeding)”; and

8 (viii) by striking “subparagraph” and  
9 inserting “paragraph”;

10 (B) in paragraph (2)—

11 (i) by striking “paragraph (1)(A)”  
12 and inserting “paragraph (1)”;

13 (ii) by striking “rulemaking”; and

14 (iii) by inserting “or order” after  
15 “rule”; and

16 (C) by striking paragraph (3);

17 (2) in subsection (b), by inserting “or order”  
18 after “rule” each place it appears; and

19 (3) in subsection (c)—

20 (A) by amending paragraph (1) to read as  
21 follows:

22 “(1) Upon the filing of a petition under sub-  
23 section (a)(1) for judicial review of a rule or order,  
24 the court shall have jurisdiction—

1           “(A) to grant appropriate relief, including  
2 interim relief, as provided in chapter 7 of title  
3 5, United States Code; and

4           “(B) to review such rule or order in ac-  
5 cordance with chapter 7 of title 5, United  
6 States Code.”; and

7           (B) in paragraph (2), by inserting “or  
8 order” after “rule”.

9 **SEC. 20. CITIZENS’ CIVIL ACTION.**

10         Section 20 of the Toxic Substances Control Act (15  
11 U.S.C. 2619) is amended—

12           (1) in subsection (a)—

13                 (A) in paragraph (1)—

14                         (i) by striking “under section 4, 5, or  
15 6, or title II or IV,”; and

16                         (ii) by striking “section 5 or title II or  
17 IV to restrain such violation” and inserting  
18 “this Act”; and

19                 (B) in the matter following paragraph (2),  
20 by inserting “, to enforce this Act or any rule  
21 promulgated or order issued under this Act, or  
22 to order the Administrator to perform an act or  
23 duty under this Act which is not discretionary,  
24 as the case may be” after “citizenship of the  
25 parties”; and

1           (2) in subsection (b)(1), by striking “to re-  
2           strain” and inserting “respecting”.

3 **SEC. 21. CITIZENS’ PETITIONS.**

4           Section 21 of the Toxic Substances Control Act (15  
5 U.S.C. 2620) is amended—

6           (1) in subsection (a), by striking “under section  
7           4, 6, or 8 or an order under section 5(e) or  
8           (6)(b)(2)” and inserting “, order, or any other ac-  
9           tion authorized under this Act”; and

10           (2) in subsection (b)—

11           (A) in paragraph (1), by striking “under  
12           section 4, 6, or 8 or an order under section  
13           5(e), 6(b)(1)(A), or 6(b)(1)(B)” and inserting  
14           “or order or to initiate other action authorized  
15           under this Act”;

16           (B) in paragraph (3), by striking “section  
17           4, 5, 6, or 8” and inserting “the applicable pro-  
18           visions of this Act”; and

19           (C) in paragraph (4)—

20           (i) in subparagraph (A), by striking  
21           “a rulemaking proceeding” and inserting  
22           “a proceeding authorized under this Act”;  
23           and

24           (ii) in subparagraph (B)—

1 (I) by striking “a proceeding to  
2 issue a rule under section 4, 6, or 8  
3 or an order under section 5(e) or  
4 6(b)(2)” and inserting “a proceeding  
5 authorized under this Act”;

6 (II) in clause (i)—

7 (aa) by inserting “or order”  
8 after “issuance of a rule”;

9 (bb) by striking “or an  
10 order under section 5(e)”; and

11 (cc) by striking “an unrea-  
12 sonable” and inserting “a sub-  
13 stantial”; and

14 (III) in clause (ii)—

15 (aa) by inserting “except as  
16 provided in clause (i)” before “in  
17 the case of”;

18 (bb) by striking “issuance of  
19 a rule under section 6 or 8 or an  
20 order under section 6(b)(2)” and  
21 inserting “promulgation of a  
22 rule, issuance of an order, or im-  
23 position or issuance of a restric-  
24 tion or use condition under this  
25 Act”; and

1 (cc) by striking “an unrea-  
2 sonable” and inserting “a sub-  
3 stantial”.

4 **SEC. 22. EMPLOYEE PROTECTION.**

5 Section 23 of the Toxic Substances Control Act (15  
6 U.S.C. 2622) is amended as follows:

7 (1) In subsection (a)—

8 (A) by striking “employer may discharge”  
9 and inserting “manufacturer, processor, or dis-  
10 tributor may discharge”;

11 (B) by redesignating paragraphs (1), (2),  
12 and (3) as paragraphs (2), (3), and (4), respec-  
13 tively;

14 (C) by inserting before paragraph (2), as  
15 redesignated by subparagraph (B) of this para-  
16 graph, the following new paragraph:

17 “(1) provided, caused to be provided, or is  
18 about to provide or cause to be provided to the em-  
19 ployer, the Federal Government, the appropriate of-  
20 ficial of the tribe, or the attorney general of a State  
21 information relating to any violation of, or any act  
22 or omission the employee reasonably believes to be a  
23 violation of any provision of this Act;”;

24 (D) in paragraph (3), as redesignated by  
25 subparagraph (B) of this paragraph—

1 (i) by inserting “concerning any such  
2 violation or” after “testified or is about to  
3 testify”; and

4 (ii) by striking “or” after “Act;”;

5 (E) in paragraph (4), as redesignated by  
6 subparagraph (B) of this paragraph, by insert-  
7 ing “or” after “Act;” and

8 (F) by adding at the end the following new  
9 paragraph:

10 “(5) objected to, or refused to participate in,  
11 any activity, policy, practice, or assigned task that  
12 the employee (or other such person) reasonably be-  
13 lieved to be in violation of any provision of this  
14 Act.”.

15 (2) By striking subsection (e) and amending  
16 subsections (b), (c), and (d) to read as follows:

17 “(b) REMEDY.—(1) Any employee who believes that  
18 the employee has been discharged or otherwise discrimi-  
19 nated against by any person in violation of subsection (a)  
20 of this section may, not later than 180 days after the date  
21 on which such alleged violation occurs, file (or have any  
22 person file on the employee’s behalf) a complaint with the  
23 Secretary of Labor (hereinafter in this section referred to  
24 as the ‘Secretary’) alleging such discharge or discrimina-  
25 tion and identifying the person responsible for such act.



1 Upon receipt of such a complaint, the Secretary shall no-  
2 tify, in writing, the person named in the complaint of the  
3 filing of the complaint, of the allegations contained in the  
4 complaint, of the substance of evidence supporting the  
5 complaint, and of the opportunities that will be afforded  
6 to such person under paragraph (2).

7           “(2)(A) Not later than 60 days after the date  
8 of receipt of a complaint filed under paragraph (1)  
9 and after affording the complainant and the person  
10 named in the complaint an opportunity to submit to  
11 the Secretary a written response to the complaint  
12 and an opportunity to meet with a representative of  
13 the Secretary to present statements from witnesses,  
14 the Secretary shall initiate an investigation and de-  
15 termine whether there is reasonable cause to believe  
16 that the complaint has merit and notify, in writing,  
17 the complainant and the person alleged to have com-  
18 mitted a violation of subsection (a) of the Sec-  
19 retary’s findings. If the Secretary concludes that  
20 there is reasonable cause to believe that a violation  
21 of subsection (a) of this section has occurred, the  
22 Secretary shall accompany the Secretary’s findings  
23 with a preliminary order providing the relief pre-  
24 scribed by paragraph (3)(B). Not later than 30 days  
25 after the date of notification of findings under this

1 paragraph, either the person alleged to have com-  
2 mitted the violation or the complainant may file ob-  
3 jections to the findings or preliminary order, or  
4 both, and request a hearing on the record. The filing  
5 of such objections shall not operate to stay any rein-  
6 statement remedy contained in the preliminary  
7 order. Any such hearing shall be conducted expedi-  
8 tiously. If a hearing is not requested in such 30-day  
9 period, the preliminary order shall be deemed a final  
10 order that is not subject to judicial review.

11 “(B)(i) The Secretary shall dismiss a com-  
12 plaint filed under this subsection and shall not  
13 conduct an investigation otherwise required  
14 under subparagraph (A) unless the complainant  
15 makes a prima facie showing that any behavior  
16 described in paragraphs (1) through (5) of sub-  
17 section (a) was a contributing factor in the un-  
18 favorable personnel action alleged in the com-  
19 plaint.

20 “(ii) Notwithstanding a finding by the Sec-  
21 retary that the complainant has made the  
22 prima facie showing required under clause (i),  
23 no investigation otherwise required under sub-  
24 paragraph (A) shall be conducted if the em-  
25 ployer demonstrates, by clear and convincing

1 evidence, that the employer would have taken  
2 the same unfavorable personnel action in the  
3 absence of that behavior.

4 “(iii) The Secretary may determine that a  
5 violation of subsection (a) has occurred only if  
6 the complainant demonstrates that any behavior  
7 described in paragraphs (1) through (5) of sub-  
8 section (a) was a contributing factor in the un-  
9 favorable personnel action alleged in the com-  
10 plaint.

11 “(iv) Relief may not be ordered under sub-  
12 paragraph (A) if the employer demonstrates by  
13 clear and convincing evidence that the employer  
14 would have taken the same unfavorable per-  
15 sonnel action in the absence of that behavior.

16 “(3)(A) Not later than 120 days after the date  
17 of conclusion of any hearing under paragraph (2),  
18 the Secretary shall issue a final order providing the  
19 relief prescribed by this paragraph or denying the  
20 complaint. At any time before issuance of a final  
21 order, a proceeding under this subsection may be  
22 terminated on the basis of a settlement agreement  
23 entered into by the Secretary, the complainant, and  
24 the person alleged to have committed the violation.

1           “(B) If, in response to a complaint filed under  
2 paragraph (1), the Secretary determines that a vio-  
3 lation of subsection (a) has occurred, the Secretary  
4 shall order the person who committed such viola-  
5 tion—

6                   “(i) to take affirmative action to abate the  
7 violation;

8                   “(ii) to reinstate the complainant to the  
9 complainant’s former position together with the  
10 compensation (including back pay), terms, con-  
11 ditions, and privileges of the complainant’s em-  
12 ployment;

13                   “(iii) to provide compensatory damages;  
14 and

15                   “(iv) where appropriate, exemplary dam-  
16 ages.

17 If such an order is issued, the Secretary, at the re-  
18 quest of the complainant, shall assess against the  
19 person against whom the order is issued a sum equal  
20 to the aggregate amount of all costs and expenses  
21 (including attorney’s and expert witness fees) rea-  
22 sonably incurred, as determined by the Secretary, by  
23 the complainant for, or in connection with, the  
24 bringing of the complaint upon which the order was  
25 issued.

1           “(C) If the Secretary finds that a complaint  
2           under paragraph (1) is frivolous or has been brought  
3           in bad faith, the Secretary may award to the pre-  
4           vailing employer a reasonable attorney’s fee, not ex-  
5           ceeding \$1,000, to be paid by the complainant.

6           “(4) If the Secretary has not issued a final de-  
7           cision within 210 days after the filing of the com-  
8           plaint, the complainant may bring an action at law  
9           or equity for de novo review in the appropriate dis-  
10          trict court of the United States with jurisdiction,  
11          which shall have jurisdiction over such an action  
12          without regard to the amount in controversy, and  
13          which action shall, at the request of either party to  
14          such action, be tried by the court with a jury. The  
15          proceedings shall be governed by the same legal bur-  
16          dens of proof specified in paragraph (2)(B). The  
17          court shall have jurisdiction to grant all relief nec-  
18          essary to make the employee whole, including injunc-  
19          tive relief and compensatory damages, including—

20                   “(A) reinstatement with the same seniority  
21                   status that the employee would have had, but  
22                   for the discharge or discrimination;

23                   “(B) the amount of back pay, with inter-  
24                   est; and

1           “(C) compensation for any special damages  
2           sustained as a result of the discharge or dis-  
3           crimination, including litigation costs, expert  
4           witness fees, and reasonable attorney’s fees.

5           “(5)(A) Unless the complainant brings an ac-  
6           tion under paragraph (4), any employee or employer  
7           adversely affected or aggrieved by a final order  
8           issued under paragraph (3) may obtain review of the  
9           order in the United States Court of Appeals for the  
10          circuit in which the violation, with respect to which  
11          the order was issued, allegedly occurred or the cir-  
12          cuit in which the complainant resided on the date of  
13          such violation. The petition for review must be filed  
14          within 60 days from the issuance of the final order  
15          of the Secretary. Such review shall conform to chap-  
16          ter 7 of title 5, United States Code. The commence-  
17          ment of proceedings under this subparagraph shall  
18          not, unless ordered by the court, operate as a stay  
19          of the order.

20          “(B) An order of the Secretary, with respect to  
21          which review could have been obtained under sub-  
22          paragraph (A) shall not be subject to judicial review  
23          in any criminal or other civil proceeding.

24          “(6) Whenever a person has failed to comply  
25          with an order issued under paragraph (3), the Sec-

1       retary shall file a civil action in the United States  
2       district court for the district in which the violation  
3       was found to occur, or in the United States district  
4       court for the District of Columbia, to enforce such  
5       order. In actions brought under this paragraph, the  
6       district courts shall have jurisdiction to grant all ap-  
7       propriate relief, including injunctive relief and com-  
8       pensatory damages.

9               “(7)(A) A person on whose behalf an order was  
10       issued under paragraph (3) may commence a civil  
11       action against the person to whom such order was  
12       issued to require compliance with such order. The  
13       appropriate United States district court shall have  
14       jurisdiction, without regard to the amount in con-  
15       troversy or the citizenship of the parties, to enforce  
16       such order.

17               “(B) The court, in issuing any final order  
18       under this paragraph, may award costs of litigation  
19       (including reasonable attorney’s and expert witness  
20       fees) to any party whenever the court determines  
21       such award is appropriate.

22               “(c) NONDISCRETIONARY DUTY.—Any nondis-  
23       cretionary duty imposed by this section shall be enforce-  
24       able in a mandamus proceeding brought under section  
25       1361 of title 28, United States Code.

1       “(d) DELIBERATE VIOLATION.—Subsection (a) shall  
2 not apply with respect to an employee of a manufacturer,  
3 processor, or distributor who, acting without direction  
4 from such manufacturer, processor, or distributor (or such  
5 person’s agent), deliberately causes a violation or alleged  
6 violation of any rule, order, regulation, or safety standard  
7 under this Act or any other law enforced by the Adminis-  
8 trator.”.

9 **SEC. 23. EMPLOYMENT EFFECTS.**

10       Section 24 of the Toxic Substances Control Act (15  
11 U.S.C. 2623) is amended—

12               (1) in subsection (a)—

13                       (A) by striking “continuing” and inserting  
14 “periodic”; and

15                       (B) by striking the em dash and para-  
16 graphs (1) and (2) and inserting “the imple-  
17 mentation of this Act.”; and

18               (2) in subsection (b)—

19                       (A) in paragraph (1), by striking “section  
20 4, 5, or 6 or a requirement of section 5 or 6”  
21 and inserting “this Act”;

22                       (B) in paragraph (2)—

23                               (i) in subparagraph (A), by striking  
24 “by order issued” and inserting “in writ-  
25 ing,”; and



- 1 (ii) in subparagraph (B)—
- 2 (I) in clause (i), by inserting
- 3 “and” after the “such request,”; and
- 4 (II) by striking clause (ii) and re-
- 5 designating clause (iii) as clause (ii);
- 6 and
- 7 (C) by amending paragraph (4) to read as
- 8 follows:
- 9 “(4) This section shall not be construed—
- 10 “(A) to require the Administrator to
- 11 amend or repeal any rule or order under this
- 12 Act; or
- 13 “(B) to impose a condition on the Admin-
- 14 istrator’s authority to issue orders or promul-
- 15 gate rules under this Act.”.

16 **SEC. 24. ADMINISTRATION OF THE ACT.**

17 Section 26 of the Toxic Substances Control Act (15

18 U.S.C. 2625) is amended—

19 (1) by amending subsection (b) to read as fol-

20 lows:

21 “(b) FEES.—The Administrator shall, by rule, re-

22 quire the payment of a reasonable fee from any person

23 required to submit data under this Act to defray the cost

24 of administering this Act. In setting a fee under this sub-

25 section, the Administrator shall take into account the abil-

1 ity to pay of the person required to submit the data and  
2 the cost to the Administrator of reviewing such data. Such  
3 rules may provide for sharing such a fee in any case in  
4 which the expenses of data production are shared under  
5 this Act.”; and

6 (2) by redesignating subsections (d) through (g)  
7 as subsections (f) through (i), respectively;

8 (3) by inserting after subsection (c) the fol-  
9 lowing new subsections:

10 “(d) ACTION WITH RESPECT TO SPECIFIC CHEM-  
11 ICAL SUBSTANCES.—Any action authorized under this Act  
12 to be taken by the Administrator through rule or order  
13 shall be made through order if the action applies to a sin-  
14 gle chemical substance or single category of chemical sub-  
15 stances.

16 “(e) ACTION WITH RESPECT TO ARTICLES CON-  
17 TAINING A CHEMICAL SUBSTANCE OR MIXTURE.—No ac-  
18 tion taken under this title with respect to articles con-  
19 taining a chemical substance or mixture shall apply to ar-  
20 ticles already introduced or delivered for introduction into  
21 commerce, unless the action is taken pursuant to section  
22 7 to address an imminent hazard and the Administrator  
23 has determined that action against articles introduced or  
24 delivered for introduction into commerce is necessary to  
25 protect health or the environment.”; and

1           (4) by adding at the end the following new sub-  
2           section:

3           “(j) RULEMAKING.—In carrying out this Act, the Ad-  
4           ministrators are authorized to prescribe such regulations as  
5           are necessary to carry out this Act.”.

6           **SEC. 25. STATE PROGRAMS.**

7           Section 28 of the Toxic Substances Control Act (15  
8           U.S.C. 2627) is amended—

9           (1) in subsection (a)—

10           (A) by amending the subsection heading to  
11           read as follows:

12           “(a) STATE GRANTS.—”;

13           (B) before “For the purpose of comple-  
14           menting”, by inserting the following:

15           “(1) IN GENERAL.—”;

16           (C) by inserting “and tribes” after “may  
17           make grants to States”;

18           (D) by striking “unreasonable risks within  
19           the States” and inserting “risks within the  
20           States and tribes”;

21           (E) by striking “is unable or is not likely  
22           to take” and inserting “has not taken”; and

23           (F) by inserting “or tribe” after “no grant  
24           for any State”;

1           (2) by redesignating subsections (b), (c), and  
2           (d) as paragraphs (2), (3), and (4), respectively;

3           (3) in paragraph (2), as redesignated by para-  
4           graph (2) of this section—

5           (A) by redesignating paragraphs (1) and  
6           (2) as subparagraphs (A) and (B), respectively;

7           (B) in subparagraph (A), as redesignated  
8           by subparagraph (A) of this paragraph—

9           (i) by redesignating subparagraphs  
10          (A) through (F) as clauses (i) through (vi),  
11          respectively;

12          (ii) in clause (ii), as redesignated by  
13          clause (i), by inserting “or tribe”; and

14          (iii) by striking “subsection (a)” each  
15          place it appears and inserting “paragraph  
16          (1)”;

17          (C) in subparagraph (B), as redesignated  
18          by subparagraph (B) of this paragraph—

19          (i) by striking “paragraph (1)” and  
20          inserting “subparagraph (A)”;

21          (ii) by inserting “or tribe” after  
22          “State” each place it appears; and

23          (iii) by striking “including cancer,  
24          birth defects, and gene mutations,”;

1           (4) in paragraph (3), as redesignated by para-  
2           graph (2) of this section, by striking “subsection  
3           (a)” and inserting “this subsection”;

4           (5) in paragraph (4), as redesignated by para-  
5           graph (2) of this section, by striking “subsection  
6           (a)” and inserting “this subsection”; and

7           (6) by inserting at the end the following new  
8           subsection:

9           “(b) STATE COORDINATION.—Not later than 18  
10          months after enactment of the Toxic Chemicals Safety Act  
11          of 2010, the Administrator shall establish a process to co-  
12          ordinate with State and tribal governments, on an on-  
13          going basis, to share data and priorities relating to the  
14          management of chemical substances and mixtures under  
15          this title and under programs operated by States and  
16          tribes, in keeping with requirements of section 14. The  
17          areas for coordination shall include the following:

18                 “(1) Grant funding under subsection (a).

19                 “(2) Design and development of the public  
20                 database established pursuant to section 8(d).

21                 “(3) Development of a process by which con-  
22                 fidential business information may be shared with  
23                 the States under section 14.

24                 “(4) Development of action plans under section  
25                 38(d).”.

1 **SEC. 26. AUTHORIZATION FOR APPROPRIATIONS.**

2 (a) AUTHORIZATION.—Section 29 of the Toxic Sub-  
3 stances Control Act (15 U.S.C. 2628) is amended to read  
4 as follows:

5 **“SEC. 29. AUTHORIZATION FOR APPROPRIATIONS.**

6 “There are authorized to be appropriated to the Ad-  
7 ministrator to carry out this Act such sums as necessary  
8 for each of fiscal years 2011 through 2018.”.

9 **SEC. 27. ADDITIONAL REQUIREMENTS.**

10 (a) ADDITIONAL REQUIREMENTS.—The Toxic Sub-  
11 stances Control Act (15 U.S.C. 2601 et seq.) is amended  
12 by adding after section 31 the following new sections:

13 **“SEC. 32. CHEMICAL SUBSTANCES AND MIXTURES THAT**  
14 **ARE PERSISTENT, BIOACCUMULATIVE, AND**  
15 **TOXIC.**

16 “(a) IDENTIFICATION.—Not later than 1 year after  
17 the date of enactment of the Toxic Chemicals Safety Act  
18 of 2010, the Administrator shall by rule establish criteria  
19 to identify chemical substances and mixtures that are per-  
20 sistent, bioaccumulative, and toxic, or are degraded or me-  
21 tabolized into chemical substances that are persistent, bio-  
22 accumulative, and toxic, and for which there is docu-  
23 mented evidence of exposure to humans or the environ-  
24 ment.

25 “(b) PUBLICATION.—Not later than 6 months after  
26 the promulgation of the rule under subsection (a), and

1 every 3 years thereafter, the Administrator shall publish  
2 a list of all chemical substances and mixtures that meet  
3 those criteria, based on available scientific information.

4 “(c) RISK MANAGEMENT.—

5 “(1) EXPEDITED EXPOSURE REDUCTION.—As  
6 promptly as feasible and not later than 18 months  
7 after the listing of a chemical substance or mixture  
8 under subsection (b), the Administrator shall impose  
9 conditions authorized under section 6(c) on the man-  
10 ufacture, processing, use, distribution in commerce,  
11 and disposal of such chemical substance or mixture  
12 necessary to achieve the greatest practicable reduc-  
13 tions in exposure to the chemical substance or mix-  
14 ture.

15 “(2) RESIDUAL RISK ASSESSMENT.—Within one  
16 year after the effective date of such conditions, the  
17 Administrator shall determine whether the chemical  
18 substance or mixture meets the safety standard with  
19 the conditions imposed, taking into account the re-  
20 sidual risk posed by continued exposure to the chem-  
21 ical substance or mixture, and shall impose any fur-  
22 ther conditions authorized under section 6(c) nec-  
23 essary to ensure that the chemical substance or mix-  
24 ture meets the safety standard.

25 “(d) MANUFACTURER DUTIES.—

1           “(1) NO MINIMUM DATA SET.—Notwith-  
2 standing the requirements of section 4(a) of this  
3 title, manufacturers and processors of chemical sub-  
4 stances or mixtures listed pursuant to subsection (b)  
5 shall not be required to submit a minimum data set  
6 for such chemical substances or mixtures, unless re-  
7 quested to do so by the Administrator.

8           “(2) DECLARATION.—Not later than 6 months  
9 after a chemical substance or mixture is listed under  
10 subsection (b), manufacturers and processors of  
11 such chemical substance or mixture shall submit the  
12 declaration required by section 8(a)(2).

13           “(e) NEW CHEMICAL SUBSTANCES AND NEW  
14 USES.—

15           “(1) For each new chemical substance subject  
16 to section 5(a)(1), the Administrator shall determine  
17 whether the chemical substance or mixture, or a  
18 degradation product or metabolite of the chemical  
19 substance or mixture, meets the criteria established  
20 under subsection (a) of this section.

21           “(2) For each chemical substance or mixture  
22 identified in paragraph (1), and for any proposed  
23 new use of a chemical substance subject to section  
24 5(a)(1) that is identified in subsection (b), the Ad-  
25 ministrator shall allow manufacture, processing, and



1 distribution in commerce of the substance only for a  
2 use which the Administrator determines meets the  
3 requirements of section 6(e).

4 **“SEC. 33. CHILDREN’S ENVIRONMENTAL HEALTH.**

5 “(a) CHILDREN’S ENVIRONMENTAL HEALTH RE-  
6 SEARCH.—

7 “(1) IN GENERAL.—Subject to amounts made  
8 available in advance in appropriations Acts, the Ad-  
9 ministrator shall enter into contracts and make  
10 grants to further understanding of the vulnerability  
11 of children to chemical substances.

12 “(2) CONSULTATION.—Contracts and grants  
13 under this section shall be made in consultation with  
14 Science Advisory Board on Children’s Health and  
15 Toxic Substances established under subsection (b)  
16 and the Children’s Health Protection Advisory Com-  
17 mittee established in response to Executive Order  
18 13045.

19 “(b) SCIENCE ADVISORY BOARD ON CHILDREN’S  
20 HEALTH AND TOXIC SUBSTANCES.—

21 “(1) ESTABLISHMENT.—Not later than 90 days  
22 after the date of enactment of the Toxic Chemicals  
23 Safety Act of 2010, the Administrator shall consult  
24 with the head of any other appropriate Federal  
25 agency to establish an advisory board to be known

1 as the ‘Science Advisory Board on Children’s Health  
2 and Toxic Substances’. The Board, and any sub-  
3 committee thereof, shall be subject to the Federal  
4 Advisory Committee Act (5 U.S.C. App.).

5 “(2) PURPOSES.—The purposes of the Science  
6 Advisory Board on Children’s Health and Toxic  
7 Substances shall be to provide independent advice,  
8 expert consultation, and peer review upon the re-  
9 quest of the Administrator on the scientific and  
10 technical aspects of issues relating to the implemen-  
11 tation of this title with respect to protecting chil-  
12 dren’s health under this Act.

13 “(3) COMPOSITION.—The Administrator shall—

14 “(A) appoint the members of the Board,  
15 including, at a minimum, one employee of—

16 “(i) the National Institute of Environ-  
17 mental Health Sciences;

18 “(ii) the Centers for Disease Control  
19 and Prevention;

20 “(iii) the National Toxicology Pro-  
21 gram;

22 “(iv) the National Cancer Institute;

23 “(v) the National Tribal Science  
24 Council; and

1           “(vi) not fewer than 3 centers of chil-  
2           dren’s health at leading universities;

3           “(B) ensure that at least  $\frac{1}{3}$  of the mem-  
4           bers of the Board have specific scientific exper-  
5           tise in the relationship of chemical exposures to  
6           prenatal, infant, and children’s health; and

7           “(C) ensure that all appointments shall be  
8           made without regard to political affiliation or  
9           political activity, unless required by Federal  
10          statute.

11         “(4) DISCLOSURE.—

12           “(A) The Administrator shall make pub-  
13           licly available in accordance with subparagraph  
14           (B) the following information:

15           “(i) A description of the process used  
16           to establish and appoint the members of  
17           the advisory committee, including the fol-  
18           lowing:

19           “(I) The process for identifying  
20           prospective members.

21           “(II) The process of selecting  
22           members for balance of viewpoints or  
23           expertise.

24           “(ii) A list of all current members, in-  
25           cluding, for each member, the following:

1           “(I) The name of any person or  
2           entity that nominated the member.

3           “(II) The reason the member was  
4           appointed to the committee.

5           “(III) Whether the member is  
6           designated as a special government  
7           employee or a representative.

8           “(IV) In the case of a represent-  
9           ative, the individuals or entity whose  
10          viewpoint the member represents.

11          “(iii) A list of all members designated  
12          as special government employees for whom  
13          written certifications were made under sec-  
14          tion 208(b) of title 18, United States  
15          Code, a summary description of the con-  
16          flict necessitating the certification, and the  
17          reason for granting the certification.

18          “(iv) Transcripts or audio or video re-  
19          cordings of all meetings of the committee.

20          “(v) Any additional information con-  
21          sidered relevant by the head of the agency  
22          to which the advisory committee reports.

23          “(B)(i) Except as provided in clause (ii),  
24          the Administrator shall make the information  
25          required to be disclosed under subparagraph

1 (A) available electronically on the official public  
2 internet site of the agency at least 15 calendar  
3 days before each meeting of an advisory com-  
4 mittee. If the Administrator determines that  
5 such timing is not practicable for any required  
6 information, the information shall be made  
7 available as soon as practicable but no later  
8 than 48 hours before the next meeting of the  
9 committee. The Administrator may withhold  
10 from disclosure any information that would be  
11 exempt from disclosure under section 552 of  
12 title 5, United States Code.

13 “(ii) The Administrator shall make avail-  
14 able electronically, on the official public internet  
15 site of the agency, a transcript or audio or  
16 video recording of each advisory committee  
17 meeting not later than 30 calendar days after  
18 the meeting.

19 “(c) BIOMONITORING.—

20 “(1) STUDY.—

21 “(A) If, through studies performed pursu-  
22 ant to grants and contracts under subsection  
23 (a), testing or biomonitoring under section 4, or  
24 other available research, the Administrator  
25 identifies a chemical substance (or a metabolite

1 or degradation product of such substance) that  
2 is likely to be present in human biological  
3 media at a level above that normally found in  
4 such media that is likely to have adverse effects  
5 on early childhood development, the Adminis-  
6 trator shall, except as provided in subparagraph  
7 (B), coordinate with the Secretary of Health  
8 and Human Services to conduct, not later than  
9 2 years after the date on which the Adminis-  
10 trator makes such identification, a biomoni-  
11 toring study to determine the presence of the  
12 chemical substance in human biological media  
13 in, at a minimum, pregnant women and infants.

14 “(B) A biomonitoring study under sub-  
15 paragraph (A) shall not be required if—

16 “(i) the Administrator determines  
17 that the chemical substance is already sub-  
18 ject to equivalent testing;

19 “(ii) the Administrator has deter-  
20 mined that the chemical substance meets  
21 the safety standard; or

22 “(iii) a safety standard determination  
23 is pending, and the Administrator deter-  
24 mines that such a study is not required to  
25 complete the determination.

1           “(2) PUBLICATION.—Upon completion of any  
2           biomonitoring study conducted pursuant to para-  
3           graph (1), the Administrator shall publish the re-  
4           sults of the study on the public database established  
5           pursuant to section 8(d).

6           “(3) POSITIVE RESULTS.—

7           “(A) DISCLOSURE.—Whenever a chemical  
8           substance or mixture (or a metabolite or deg-  
9           radation product of such substance or mixture)  
10          is determined to be present in human biological  
11          media in a biomonitoring study conducted pur-  
12          suant to paragraph (1), the manufacturers and  
13          processors of such chemical substance or mix-  
14          ture shall, not later than 180 days after the  
15          date of publication of such study, disclose to the  
16          Administrator, commercial customers of the  
17          manufacturers and processors, consumers, and  
18          the public—

19                 “(i) all known uses of the chemical  
20                 substance or mixture; and

21                 “(ii) all articles in which the chemical  
22                 substance or mixture is or is expected to  
23                 be present.

1           “(B) COST AND FORM OF DISCLOSURE.—  
2 Information under clauses (i) and (ii) of sub-  
3 paragraph (A) shall be—

4                   “(i) added to the public database es-  
5 tablished pursuant to section 8(d); and

6                   “(ii) made readily accessible and free  
7 of charge by each applicable manufacturer  
8 and processor in electronic format to the  
9 commercial customers of such manufac-  
10 turer or processor, consumers, and the  
11 public.

12 **“SEC. 34. REDUCTION OF ANIMAL-BASED TESTING.**

13           “(a) DUTIES OF THE ADMINISTRATOR.—The Admin-  
14 istrator shall take action to minimize the use of animals  
15 in testing of chemical substances or mixtures, including—

16                   “(1) encouraging and facilitating, where prac-  
17 ticable—

18                           “(A) use of existing data of sufficient sci-  
19 entific quality;

20                           “(B) use of test methods that eliminate or  
21 reduce the use of animals but provide data of  
22 high scientific quality;

23                           “(C) grouping of 2 or more chemical sub-  
24 stances into scientifically appropriate categories  
25 where testing of one chemical substance will



1 provide reliable and useful data on others in the  
2 category;

3 “(D) formation of industry consortia to  
4 jointly conduct testing to avoid unnecessary du-  
5 plication of tests; and

6 “(E) parallel submission of data from ani-  
7 mal-based studies and from emerging methods  
8 and models;

9 “(2) funding research and validation studies to  
10 reduce, refine, and replace the use of animal tests in  
11 accordance with this subsection;

12 “(3) in consultation with the Interagency Co-  
13 ordinating Committee on the Validation of Alter-  
14 native Methods, and after providing an opportunity  
15 for public comment, developing a strategic plan to  
16 promote the development and implementation of al-  
17 ternative test methods and testing strategies to gen-  
18 erate information used for safety standard deter-  
19 minations under section 6(b) that do not use ani-  
20 mals, including toxicity pathway-based risk assess-  
21 ment, in vitro studies, systems biology, computa-  
22 tional toxicology, bioinformatics, and high-through-  
23 put screening; and

24 “(4) biennially reporting to Congress on  
25 progress made in implementing this section.

1       “(b) LIST OF METHODS.—Not later than 1 year after  
2 the date of enactment of the Toxic Chemicals Safety Act  
3 of 2010, and triennially thereafter, the Administrator, in  
4 consultation with the Interagency Coordinating Com-  
5 mittee on the Validation of Alternative Methods, shall pub-  
6 lish a list of demonstrated testing methods that reduce  
7 the use of animals in testing.

8       “(c) CRITERIA FOR ADAPTING OR WAIVING ANIMAL  
9 TESTING REQUIREMENTS.—Upon request from a manu-  
10 facturer or processor that is required to conduct animal-  
11 based testing of a chemical substance or mixture under  
12 this title, the Administrator may adapt or waive such re-  
13 quirement in part or in whole if the Administrator deter-  
14 mines that—

15               “(1) there is sufficient weight-of-evidence that a  
16 chemical substance or mixture has, or does not have,  
17 a particular property for which such testing would  
18 be required;

19               “(2) testing for a specific adverse effect is tech-  
20 nically not practicable to conduct as a consequence  
21 of the substance characteristics; or

22               “(3) a chemical substance or mixture cannot be  
23 tested in animals at concentrations that do not re-  
24 sult in significant pain or distress as a consequence

1 of the substance characteristics, such as potential to  
2 cause severe corrosion or severe irritation to tissues.  
3 A waiver under this subsection does not waive the duty  
4 of the manufacturer or processor to demonstrate that the  
5 chemical substance or mixture meets the safety standard  
6 under section 5(a) or section 6(b).

7 **“SEC. 35. SAFER ALTERNATIVES AND GREEN CHEMISTRY**  
8 **AND ENGINEERING.**

9 “(a) SAFER ALTERNATIVES.—

10 “(1) INCENTIVES.—Not later than 1 year after  
11 the date of enactment of the Toxic Chemicals Safety  
12 Act of 2010, the Administrator shall, after notice  
13 and opportunity for comment, establish a program  
14 to create incentives for the development of safer al-  
15 ternatives to existing chemical substances and mix-  
16 tures that reduce or avoid the use and generation of  
17 hazardous chemical substances or mixtures. The pro-  
18 gram under this paragraph shall include—

19 “(A) recognition for a chemical substance  
20 or mixture, an article containing such substance  
21 or mixture, or a non-chemical alternative, deter-  
22 mined by the Administrator under paragraph  
23 (2) to be a safer alternative for all intended  
24 uses or for a particular use of an existing chem-  
25 ical substance or mixture by means of a special

1 designation intended for use in marketing the  
2 safer alternative, and periodic public awards;  
3 and

4 “(B) such other financial or non-financial  
5 incentives as the Administrator considers to be  
6 appropriate to encourage the development, mar-  
7 keting, and use of chemical substances or mix-  
8 tures, articles containing such substances or  
9 mixtures, or non-chemical alternatives, deter-  
10 mined by the Administrator to be safer alter-  
11 natives for all uses or for particular uses of ex-  
12 isting chemical substances or mixtures.

13 “(2) SAFER ALTERNATIVE ASSESSMENT.—Any  
14 person seeking approval for a safer alternative under  
15 this section shall submit to the Administrator an ap-  
16 plication, including the safer alternative data set de-  
17 scribed in subparagraph (A) and shall bear the bur-  
18 den of demonstrating that the safer alternative  
19 standard is met, pursuant to subparagraph (B).

20 “(A) SAFER ALTERNATIVE DATA SET.—  
21 Not later than one year after the date of enact-  
22 ment of the Toxic Chemicals Safety Act of  
23 2010, the Administrator shall establish, by rule,  
24 the data that constitute the safer alternative  
25 data set. The rule shall identify the information

1 that the Administrator determines will be useful  
2 for the safer alternative standard determination  
3 under subparagraph (B) and shall include—

4 “(i) chemical identity for the appli-  
5 cant alternative chemical substance or mix-  
6 ture, article containing such substance or  
7 mixture, or non-chemical alternative and  
8 the chemical substance or mixture targeted  
9 for substitution;

10 “(ii) the proposed use, if applicable,  
11 or all intended uses of the applicant alter-  
12 native;

13 “(iii) substance characteristics, toxi-  
14 cological properties, and biological and en-  
15 vironmental fate and transport data for  
16 the applicant alternative;

17 “(iv) known and potential exposures  
18 for the applicant alternative;

19 “(v) a comparative analysis of the ap-  
20 plicant alternative and the chemical sub-  
21 stance or mixture targeted for substitution  
22 based on the best publicly-available science  
23 on the targeted substance demonstrating  
24 that the applicant alternative will involve  
25 lower hazard, lower exposure, or both; and

1           “(vi) a demonstration that the appli-  
2           cant alternative is effective for the pro-  
3           posed use or for all intended uses, as appli-  
4           cable.

5           The rule shall require any person applying for  
6           approval of a safer alternative to submit the  
7           safer alternative data set, and may provide a  
8           form for such application.

9           “(B) SAFER ALTERNATIVE STANDARD DE-  
10          TERMINATION.—The Administrator shall, fol-  
11          lowing the submission of a safer alternative  
12          data set pursuant to subparagraph (A), approve  
13          the applicant alternative chemical substance or  
14          mixture, article containing such substance or  
15          mixture, or non-chemical alternative for the  
16          proposed use or uses if the Administrator deter-  
17          mines that the proposed alternative is effective  
18          for the proposed use or uses and—

19                 “(i) provides a reasonable certainty of  
20                 no harm from the aggregate exposure to  
21                 the alternative substance from intended  
22                 uses, including to vulnerable populations,  
23                 and protects the public welfare, considering  
24                 the lifecycle of the alternative substance  
25                 and cumulative exposures and other rel-

1 evant considerations, and, when compared  
2 to the chemical substance or mixture tar-  
3 geted for substitution—

4 “(I) reduces the potential for  
5 harm to human health or the environ-  
6 ment;

7 “(II) has been shown not to be  
8 persistent or bioaccumulative, while  
9 the chemical substance or mixture tar-  
10 geted for substitution has not; or

11 “(III) does not require the use of  
12 hazardous, persistent, or bioaccumula-  
13 tive substances during its manufac-  
14 ture or processing, while the chemical  
15 substance or mixture targeted for sub-  
16 stitution does; or

17 “(ii) in the case that the applicant al-  
18 ternative cannot provide a reasonable cer-  
19 tainty of no harm from the aggregate ex-  
20 posure to the alternative substance from  
21 intended uses, including to vulnerable pop-  
22 ulations, and protect the public welfare,  
23 considering the lifecycle of the alternative  
24 substance and cumulative exposures and  
25 other relevant considerations, the chemical

1 substance or mixture targeted for substi-  
2 tution had been granted or would qualify  
3 for a critical use exemption under section  
4 6(e) and the applicant alternative chemical  
5 substance or mixture, article containing  
6 such substance or mixture, or non-chemical  
7 alternative, when compared to the chemical  
8 substance or mixture targeted for substi-  
9 tution—

10 “(I) reduces the potential for  
11 harm to human health or the environ-  
12 ment;

13 “(II) has been shown not to be  
14 persistent or bioaccumulative, while  
15 the chemical substance or mixture tar-  
16 geted for substitution has not; or

17 “(III) does not require the use of  
18 hazardous, persistent, or bioaccumula-  
19 tive substances during its manufac-  
20 ture or processing, while the chemical  
21 substance or mixture targeted for sub-  
22 stitution does.

23 Any applicant alternative approved under  
24 this section shall be exempt from the re-  
25 quirements of sections 4, 5, and 6 for the



1 uses considered and approved in the ap-  
2 proval under this section, except that any  
3 approval under this section shall expire  
4 after 15 years, at which time a renewal  
5 will be required pursuant to section 6(b).

6 “(C) CONSIDERATION IN DETERMINA-  
7 TION.—Any safer alternative standard deter-  
8 mination made under this subsection shall be  
9 considered by the Administrator in making a  
10 safety standard determination under section  
11 6(b) or in granting an exemption under section  
12 6(e) for the chemical substance or mixture tar-  
13 geted for substitution by the application under  
14 this subsection.

15 “(b) GREEN CHEMISTRY.—

16 “(1) GREEN CHEMISTRY RESEARCH NET-  
17 WORK.—Not later than 2 years after the date of en-  
18 actment of the Toxic Chemicals Safety Act of 2010,  
19 and subject to amounts made available in advance in  
20 appropriations Acts, the Administrator shall estab-  
21 lish an interdisciplinary network of regional centers,  
22 to support the research, development, and adoption  
23 of safer alternatives to existing chemical substances  
24 and mixtures, particularly chemical substances and

1 mixtures listed on the priority list under section  
2 6(a).

3 “(2) GREEN CHEMISTRY AND ENGINEERING RE-  
4 SEARCH.—Subject to amounts made available in ad-  
5 vance in appropriations Acts, the Administrator  
6 shall make grants and enter into contracts to pro-  
7 mote and support the research, development, and  
8 adoption of safer alternatives to existing chemical  
9 substances and mixtures.

10 “(3) GREEN CHEMISTRY WORKFORCE EDU-  
11 CATION AND TRAINING PROGRAM.—

12 “(A) ESTABLISHMENT OF PROGRAM.—The  
13 Administrator shall establish a program to fa-  
14 cilitate the development of a workforce, includ-  
15 ing industrial and scientific workers, that pro-  
16 duces safer alternatives to existing chemical  
17 substances and mixtures.

18 “(B) GOALS.—The goals of the program  
19 established under subparagraph (A) are to pro-  
20 vide workforce training on skills that will—

21 “(i) facilitate the expansion of green  
22 chemistry in the United States to create  
23 new and safer jobs;

1           “(ii) develop a scientifically and tech-  
2           nically trained green chemistry workforce  
3           in the United States;

4           “(iii) inform and engage communities  
5           about green chemistry; and

6           “(iv) promote innovation and strong  
7           public health and environmental protec-  
8           tions.

9           “(C) IMPLEMENTATION.—The Adminis-  
10          trator shall, subject to amounts made available  
11          in advance in appropriations Acts, implement  
12          the program established under subparagraph  
13          (A) to achieve the goals under subparagraph  
14          (B), including by—

15           “(i) promoting the development of a  
16           broad range of skills relevant to the pro-  
17           duction and use of safer alternatives to ex-  
18           isting chemical substances and mixtures,  
19           including their design, manufacturing, and  
20           use and disposal;

21           “(ii) developing partnerships with  
22           educational institutions, training organiza-  
23           tions, private sector companies, community  
24           organizations, labor unions, and other non-  
25           profit organizations; and

1                   “(iii) in coordination with the Sec-  
2                   retary of Labor and the Secretary of En-  
3                   ergy, providing grants to State and local  
4                   governments and to the partnerships estab-  
5                   lished pursuant to clause (ii) to promote  
6                   and support activities consistent with  
7                   achieving the goals under subparagraph  
8                   (B).

9   **“SEC. 36. INTERNATIONAL COOPERATION AND AGREE-**  
10                   **MENTS.**

11           “(a) COOPERATION.—In coordination with the Sec-  
12   retary of State and the head of any other Federal agency,  
13   as appropriate, the Administrator shall cooperate with any  
14   international effort which the Administrator determines  
15   has broad international support and a reasonable expecta-  
16   tion of success—

17                   “(1) to develop a common protocol or electronic  
18                   database relating to chemical substances and mix-  
19                   tures; or

20                   “(2) to develop safer alternatives for chemical  
21                   substances and mixtures.

22           “(b) PROHIBITION.—

23                   “(1) PROHIBITION.—Except as provided in  
24                   paragraph (2), notwithstanding any other provision  
25                   of law, effective 3 years after the date of enactment

1 of the Toxic Chemicals Safety Act of 2010, no per-  
2 son shall manufacture, process, distribute in com-  
3 merce, use for commercial purposes, or dispose of  
4 the following chemical substances, except in a man-  
5 ner determined by the Administrator to be protective  
6 of health and the environment:

7 “(A) Hexabromobiphenyl.

8 “(B) Hexachlorobenzene.

9 “(C) Hexabromodiphenyl ether and  
10 Heptabromodiphenyl ether and congeners in the  
11 commercial OctaBDE mixture.

12 “(D) Pentachlorobenzene.

13 “(E) Tetrabromodiphenyl ether and  
14 pentabromodiphenyl ether and congeners in the  
15 commercial PentaBDE mixture.

16 “(2) EXCEPTION.—If the United States depos-  
17 its its instrument of ratification for the Stockholm  
18 Convention, the PIC Convention, or the LRTAP  
19 POPs Protocol before the prohibition under para-  
20 graph (1) has taken effect, the effective date of the  
21 prohibition shall be determined in keeping with the  
22 requirements of the applicable agreement.

23 “(c) NOTICE OF RESTRICTIONS UNDER INTER-  
24 NATIONAL AGREEMENTS.—Not later than 60 days after  
25 the enactment of the Toxic Chemicals Safety Act of 2010,

1 the Administrator, in consultation with the Secretary of  
2 State, shall publish in the Federal Register a notice of  
3 the chemical substances or mixtures that are subject to  
4 the Stockholm Convention, the PIC Convention, and the  
5 LRTAP POPs Protocol, including conditions or restric-  
6 tions relating to such chemical substances or mixtures im-  
7 posed by such agreements or by foreign governments pur-  
8 suant to such agreements.

9 “(d) IMPLEMENTING AGREEMENTS.—In consultation  
10 with the Secretary of State and the head of any other ap-  
11 propriate Federal agency (as determined by the Adminis-  
12 trator), the Administrator shall implement the provisions  
13 of international agreements (and any subsequent amend-  
14 ment to such agreements) related to chemical substances  
15 and mixtures to which the United States becomes a party.  
16 Such implementation shall provide notice at each step in  
17 the listing and delisting process as required in such agree-  
18 ments and include requirements that:

19 “(1) Not later than 30 days after the United  
20 States deposits its instrument of ratification for the  
21 Stockholm Convention, the PIC Convention, the  
22 LRTAP POPs Protocol, or any other international  
23 agreement related to chemical substances and mix-  
24 tures, or not later than 30 days after the listing of  
25 any chemical substance or mixture subsequently

1 added under such an instrument has entered into  
2 force for the United States, (whichever occurs ear-  
3 lier), the Administrator shall provide public notice of  
4 the chemical substances or mixtures that are subject  
5 to that agreement, and shall provide similar public  
6 notice of any chemical substance or mixture subse-  
7 quently added under such agreement. In providing  
8 such notice, the Administrator may specify the appli-  
9 cable requirements for individual chemical sub-  
10 stances or mixtures.

11 “(2) Whenever a chemical substance or mixture  
12 is proposed for listing under an international agree-  
13 ment to which the United States is a party, the Ad-  
14 ministrator shall publish in the Federal Register a  
15 notice that—

16 “(A) includes any relevant toxicity, expo-  
17 sure, and risk information related to the chem-  
18 ical substance or mixture known to the Admin-  
19 istrator, as well as any domestic activities in-  
20 volving the chemical substance or mixture  
21 known to the Administrator;

22 “(B) includes a summary of the process,  
23 under the international agreement, for the list-  
24 ing or delisting step that was taken, including  
25 criteria applied in that process and records gen-

1 erated by the international body during that  
2 process;

3 “(C) requires any person that manufac-  
4 tures, processes, distributes in commerce, uses,  
5 or disposes of the chemical substance or mix-  
6 ture to provide to the Administrator any infor-  
7 mation that the Administrator determines to be  
8 necessary to assist the United States in its con-  
9 sideration of the proposal; and

10 “(D) provides an opportunity for public  
11 comment on the proposed listing of the chem-  
12 ical substance or mixture.

13 The comments and information received under this  
14 paragraph shall be placed in a public docket and  
15 shall be considered in the Administrator’s review of  
16 the proposal.

17 “(3) Any chemical substance or mixture listed  
18 under an international agreement to which the  
19 United States is a party that is not already subject  
20 to conditions under section 6(c) or already listed on  
21 the priority list under section 6(a) shall be promptly  
22 added to the priority list under section 6(a).

23 “(4) If there are applicable obligations for a  
24 chemical substance or mixture under more than one  
25 international agreement to which the United States



1 is a party, the most stringent of such obligations  
2 shall apply to ensure compliance with each of those  
3 agreements.

4 “(e) RULES.—The Administrator may promulgate  
5 such rules as the Administrator determines necessary to  
6 cooperate with international efforts pursuant to subsection  
7 (a) and to implement international agreements related to  
8 chemical substances and mixtures pursuant to subsection  
9 (d).

10 “(f) EFFECT ON OTHER PROVISIONS OF LAW.—  
11 Nothing in this section shall affect the authority of the  
12 Administrator to regulate a chemical substance or mixture  
13 under any other provision of law, provided that such regu-  
14 lation—

15 “(1) is not less stringent than actions pre-  
16 scribed by this section; and

17 “(2) does not impair the ability of the United  
18 States to comply with obligations under inter-  
19 national agreements (and any subsequent amend-  
20 ment to such agreements) related to chemical sub-  
21 stances and mixtures to which the United States be-  
22 comes a party.

23 “(g) DEFINITIONS.—In this section:

24 “(1) LRTAP CONVENTION.—The term  
25 ‘LRTAP Convention’ means the Convention on

1 Long-Range Transboundary Air Pollution, adopted  
2 in Geneva on November 13, 1979, and any subse-  
3 quent amendment or protocol.

4 “(2) LRTAP POPS PROTOCOL.—The term  
5 ‘LRTAP POPS Protocol’ means the Protocol on Per-  
6 sistent Organic Pollutants to the LRTAP Conven-  
7 tion, adopted in Aarhus on June 24, 1998, and any  
8 subsequent amendment.

9 “(3) STOCKHOLM CONVENTION.—The term  
10 ‘Stockholm Convention’ means the Stockholm Con-  
11 vention on Persistent Organic Pollutants adopted in  
12 Stockholm on May 22, 2001, and any subsequent  
13 amendment or protocol.

14 **“SEC. 37. DATA QUALITY.**

15 “Not later than 18 months after the date of enact-  
16 ment of the Toxic Chemicals Safety Act of 2010, the Ad-  
17 ministrator shall, by order, after notice and opportunity  
18 for comment, establish and implement procedures to en-  
19 sure data quality under this Act including, at a minimum,  
20 requirements that—

21 “(1) not less than annually, the Administrator  
22 randomly inspect commercial and private labora-  
23 tories that develop the data required under this title;

24 “(2) annually, the Administrator perform a  
25 comprehensive data audit on a subset, as selected by

1 the Administrator, of the data submissions under  
2 this title;

3 “(3) the Administrator have access to all  
4 records of privately sponsored health and safety  
5 studies initiated in response to requirements under  
6 this title; and

7 “(4) the submitter of any study conducted by a  
8 third party in response to requirements under this  
9 title disclose to the Administrator and the public, at  
10 the time of submission, the sources of any funding  
11 used for the conduct or publication of the study re-  
12 ceived by the researchers who conducted the study.

13 **“SEC. 38. HOT SPOTS.**

14 “(a) CRITERIA.—Not later than 1 year after the date  
15 of enactment of the Toxic Chemicals Safety Act of 2010,  
16 the Administrator shall promulgate a rule to—

17 “(1) establish criteria for the determination of  
18 disproportionate exposure, which shall include cri-  
19 teria for identification of average exposure levels in  
20 the United States and criteria for identification of  
21 exceedences that are significant based on their po-  
22 tential impact on health or the environment;

23 “(2) establish criteria to identify any locality  
24 that is disproportionately exposed; and

1           “(3) develop a method for data collection on  
2           and categorization of patterns of disproportionate  
3           exposure and associated adverse effects.

4           “(b) IDENTIFICATION.—

5           “(1) IN GENERAL.—Not later than 18 months  
6           after promulgation of the rule under subsection (a),  
7           the Administrator shall identify localities within the  
8           United States subject to disproportionate exposure.

9           “(2) USE OF DATA.—In identifying localities  
10          under paragraph (1), the Administrator—

11           “(A) shall use data contained in the Na-  
12          tional Air Toxic Assessment Database; and

13           “(B) may use other data available to the  
14          Administrator, including data developed pursu-  
15          ant to—

16           “(i) the Safe Drinking Water Act (42  
17          U.S.C. 300f et seq.);

18           “(ii) the Solid Waste Disposal Act (42  
19          U.S.C. 6901 et seq.);

20           “(iii) the Comprehensive Environ-  
21          mental Response, Compensation, and Li-  
22          ability Act of 1980 (42 U.S.C. 9601 et  
23          seq.);

1                   “(iv) the Emergency Planning and  
2                   Community Right-to-Know Act of 1986  
3                   (42 U.S.C. 11001 et seq.); and

4                   “(v) the National Environmental Pub-  
5                   lic Health Tracking program at the Cen-  
6                   ters for Disease Control and Prevention.

7                   “(3) PUBLIC PARTICIPATION.—The Adminis-  
8                   trator shall provide an opportunity for State, local,  
9                   and tribal governments and members of the public  
10                  to nominate localities for which there may be dis-  
11                  proportionate exposure for inclusion in the identi-  
12                  fication of localities under paragraph (1).

13                  “(c) HOT SPOT LIST.—

14                  “(1) IN GENERAL.—Not later than 180 days  
15                  after completing the identification of localities under  
16                  subsection (b)(1), the Administrator shall, after no-  
17                  tice and consultation with all applicable State, local,  
18                  and tribal health and environmental officials, legisla-  
19                  tors and other elected officials, and members of the  
20                  public, publish a list of the localities subject to dis-  
21                  proportionate exposure identified pursuant to such  
22                  subsection in the Federal Register and make such  
23                  list available electronically. The initial list shall in-  
24                  clude at least 20 localities.

1           “(2) UPDATING.—Not later than 5 years after  
2           the date of publication of the list under paragraph  
3           (1), and at least once every 5 years thereafter, the  
4           Administrator shall update and republish such list.  
5           The Administrator may update and republish such  
6           list to add new localities that meet the criteria under  
7           subsection (a), or to remove localities when the Ad-  
8           ministrator determines that the percentage exposure  
9           reduction goal for such a locality established pursu-  
10          ant to subsection (d) has been achieved and no fur-  
11          ther action is needed. The Administrator shall notify  
12          all applicable State, local, and tribal health and envi-  
13          ronmental officials, legislators and other elected offi-  
14          cials, and members of the public of such an updated  
15          listing.

16          “(d) ACTION PLANS.—Not later than 1 year after  
17          publishing or updating the list under subsection (c), the  
18          Administrator shall coordinate with State, local, and tribal  
19          governments and members of the public to develop, for  
20          each locality identified on the list, an action plan to reduce  
21          disproportionate exposure within such locality. Each such  
22          action plan shall include—

23                  “(1) identification of the chemical substances  
24                  and mixtures that contribute to the disproportionate

1 exposure (including exposure levels, sources, and  
2 pathways);

3 “(2) a description of actions to be undertaken  
4 by the Administrator or State, local, or tribal gov-  
5 ernments, to reduce disproportionate exposure with-  
6 in the locality;

7 “(3) a percentage exposure reduction goal for  
8 each chemical substance and mixture identified  
9 under paragraph (1); and

10 “(4) a timeline to achieve the percentage expo-  
11 sure reduction goal under paragraph (3).

12 “(e) REPORT TO CONGRESS.—Beginning on the date  
13 that is one year after the development of the first action  
14 plan under subsection (d), and annually thereafter, the  
15 Administrator shall—

16 “(1) prepare and submit to Congress an annual  
17 report identifying—

18 “(A) each locality added to the list in the  
19 prior year under subsection (e);

20 “(B) each action plan developed in the  
21 prior year under subsection (d);

22 “(C) the progress on each action plan to  
23 date; and

24 “(D) the reasons why any timelines for  
25 percentage exposure reductions were not met

1 and the revised timeline for meeting those re-  
2 ductions; and

3 “(2) make the report available to the public in  
4 the public database established under section 8(d).

5 “(f) LOCALITY.—In this section, the term ‘locality’  
6 means any geographical area in which the Administrator  
7 identifies disproportionate exposure and may include a  
8 county, city, town, neighborhood, census tract, zip code,  
9 or other commonly understood political or geographical  
10 subdivision.

11 **“SEC. 39. EXEMPTION FOR CHEMICAL SUBSTANCES OR MIX-**  
12 **TURES BASED ON INTRINSIC PROPERTIES.**

13 “(a) AUTHORITY TO EXEMPT CERTAIN CHEMICAL  
14 SUBSTANCES AND MIXTURES BASED ON INTRINSIC PROP-  
15 erties.—If the Administrator determines that scientific  
16 consensus exists that the intrinsic properties of a chemical  
17 substance or mixture are such that it does not and would  
18 not pose any risk of injury to health or the environment  
19 under any current, proposed, or anticipated levels of pro-  
20 duction, patterns of use, or exposures arising at any stage  
21 across the lifecycle of the substance or mixture, the Ad-  
22 ministrator may, by order, exempt the substance or mix-  
23 ture, or particular uses of the substance or mixture, from  
24 one or more of the requirements of sections 4, 5, 6 and  
25 8 of this Act. A determination under this section shall be



1 based on consideration of the intrinsic properties of the  
2 substance or mixture, and shall not be based on findings  
3 or assumptions of low human or environmental exposure  
4 to the substance or mixture.

5       “(b) NOTICE OF DETERMINATION AND EXEMP-  
6 TION.—Within 30 days of determining and exempting,  
7 pursuant to subsection (a), a chemical substance or mix-  
8 ture, or a particular use of a chemical substance or mix-  
9 ture, the Administrator shall publish in the Federal Reg-  
10 ister, and shall add to the public database established pur-  
11 suant to section 8(d), a notice that provides the specific  
12 identity of the chemical substance or mixture, and, for a  
13 particular use determined and exempted under subsection  
14 (a), the particular use of the substance or mixture, that  
15 the Administrator has determined and exempted under  
16 subsection (a) and that explains and documents the basis  
17 for the Administrator’s determination and exemption.

18       “(c) RECONSIDERATION OF DETERMINATION AND  
19 EXEMPTION.—

20               “(1) IN GENERAL.—The Administrator may re-  
21 consider and revoke or modify any determination or  
22 exemption under subsection (a) at any time if the  
23 Administrator determines that the conditions of sub-  
24 section (a) are no longer met, or that such action is  
25 necessary to protect human health or the environ-

1       ment or is otherwise in the public interest. In the  
2       event of such revocation or modification, the Admin-  
3       istrator shall provide public notice of the grounds for  
4       that determination and publish such notice on the  
5       public database established pursuant to section 8(d).

6               “(2) EFFECTIVE DATE.—Any revocation or  
7       modification undertaken pursuant to this subsection  
8       shall not take effect prior to the date that is one  
9       year after public notice of the determination, unless  
10      an earlier effective date is necessary to protect  
11      human health or the environment.

12             “(d) PRIOR REGULATORY EXEMPTIONS.—Not later  
13      than one year after the date of enactment of the Toxic  
14      Chemicals Safety Act of 2010, exemptions granted by the  
15      Administrator pursuant to section 5(h)(4) of this Act prior  
16      to the date of enactment of the Toxic Chemicals Safety  
17      Act of 2010, as such section was in effect before such date  
18      of enactment, shall be reviewed by the Administrator and  
19      continued in effect under the authority granted by this  
20      section, as appropriate. Such an exemption shall continue  
21      to be in effect until such date as the Administrator deter-  
22      mines, by order, that—

23               “(1) the exemption is not authorized or not ap-  
24      propriate under this section, at which time the ex-  
25      emption shall cease to be in effect; or



1           “(4) any provision for injunctive relief and such  
2           sanctions as may be imposed by a court to enforce  
3           such relief; and

4           “(5) payment of user fees under section 26(b).

5           “(b) WAIVER OF IMMUNITY.—The United States  
6           hereby expressly waives any immunity otherwise applicable  
7           to the United States with respect to any substantive or  
8           procedural requirement referred to under subsection (a).

9           “(c) CIVIL PENALTIES.—No agent, employee, or offi-  
10          cer of the United States shall be personally liable for any  
11          civil penalty under this Act with respect to any act or  
12          omission within the scope of the official duties of the  
13          agent, employee, or officer.

14          “(d) CRIMINAL SANCTIONS.—An agent, employee, or  
15          officer of the United States shall be subject to any crimi-  
16          nal sanction (including any fine or imprisonment) under  
17          this Act, but no Federal agency shall be subject to any  
18          such sanction.

19          “(e) EXEMPTION.—

20                 “(1) IN GENERAL.—If the President determines  
21                 it is in the paramount interest of the United States,  
22                 the President may grant an exemption for any Fed-  
23                 eral agency from compliance with any requirement  
24                 of this Act.

1           “(2) LACK OF APPROPRIATION.—No exemption  
2 shall be granted under paragraph (1) due to lack of  
3 appropriation unless the President has specifically  
4 requested such appropriation as a part of the budg-  
5 etary process and the Congress has failed to make  
6 available such requested appropriation.

7           “(3) PERIOD OF EXEMPTION.—Any exemption  
8 granted under paragraph (1) shall be for a period of  
9 not more than 1 year, but additional exemptions  
10 may be granted for periods not to exceed 1 year  
11 upon the President’s making a new determination  
12 that such exemption is in the paramount interest of  
13 the United States.

14           “(4) REPORT.—Annually after the date of en-  
15 actment of the Toxic Chemicals Safety Act of 2010,  
16 the President shall report to the Congress all exemp-  
17 tions under this subsection granted during the pre-  
18 ceding calendar year, together with the reason for  
19 granting each such exemption.

20           “(f) ADMINISTRATIVE ENFORCEMENT ACTIONS.—

21           “(1) IN GENERAL.—The Administrator may  
22 commence an administrative enforcement action  
23 against any Federal agency pursuant to the enforce-  
24 ment authorities contained in this Act. The Adminis-  
25 trator shall initiate an administrative enforcement

1       action against such agency in the same manner and  
2       under the same circumstances as an action would be  
3       initiated against another person. Any voluntary reso-  
4       lution or settlement of an administrative enforce-  
5       ment action shall be set forth in a consent order.

6               “(2) FINAL.—No administrative order issued to  
7       a Federal agency shall become final until such agen-  
8       cy has had the opportunity to confer with the Ad-  
9       ministrator.”.

10       (b) CONFORMING AMENDMENT.—The table of con-  
11       tents for the Toxic Substances Control Act is amended  
12       by adding after the item relating to section 31, the fol-  
13       lowing new items:

“Sec. 32. Chemical substances and mixtures that are persistent, bioaccumula-  
      tive, and toxic.

“Sec. 33. Children’s environmental health.

“Sec. 34. Reduction of animal-based testing.

“Sec. 35. Safer alternatives and green chemistry and engineering.

“Sec. 36. International cooperation and agreements.

“Sec. 37. Data quality.

“Sec. 38. Hot spots.

“Sec. 39. Exemption for chemical substances or mixtures based on intrinsic  
      properties.

“Sec. 40. Application of this Act to Federal agencies.”.

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