

riod which may not exceed one year. No exemption shall be granted under this paragraph due to lack of appropriation unless the President shall have specifically requested such appropriation as a part of the budgetary process and the Congress shall have failed to make available such requested appropriation.

**(g) Fire suppression and explosion prevention**

(1) Notwithstanding the production phase-out set forth in subsection (a), the Administrator, after notice and opportunity for public comment, may, to the extent such action is consistent with the Montreal Protocol, authorize the production of limited quantities of halon-1211, halon-1301, and halon-2402 in excess of the amount otherwise permitted pursuant to the schedule under subsection (a) solely for purposes of fire suppression or explosion prevention if the Administrator, in consultation with the Administrator of the United States Fire Administration, determines that no safe and effective substitute has been developed and that such authorization is necessary for fire suppression or explosion prevention purposes. The Administrator shall not authorize production under this paragraph for purposes of fire safety or explosion prevention training or testing of fire suppression or explosion prevention equipment. In no event shall the Administrator grant an exception under this paragraph that permits production after December 31, 1999.

(2) The Administrator shall periodically monitor and assess the status of efforts to obtain substitutes for the substances referred to in paragraph (1) for purposes of fire suppression or explosion prevention and the probability of such substitutes being available by December 31, 1999. The Administrator, as part of such assessment, shall consider any relevant assessments under the Montreal Protocol and the actions of the Parties pursuant to Article 2B of the Montreal Protocol in identifying essential uses and in permitting a level of production or consumption that is necessary to satisfy such uses for which no adequate alternatives are available after December 31, 1999. The Administrator shall report to Congress the results of such assessment in 1994 and again in 1998.

(3) Notwithstanding the termination of production set forth in subsection (b), the Administrator, after notice and opportunity for public comment, may, to the extent consistent with the Montreal Protocol, authorize the production of limited quantities of halon-1211, halon-1301, and halon-2402 in the period after December 31, 1999, and before December 31, 2004, solely for purposes of fire suppression or explosion prevention in association with domestic production of crude oil and natural gas energy supplies on the North Slope of Alaska, if the Administrator, in consultation with the Administrator of the United States Fire Administration, determines that no safe and effective substitute has been developed and that such authorization is necessary for fire suppression and explosion prevention purposes. The Administrator shall not authorize production under the paragraph for purposes of fire safety or explosion prevention training or testing of fire suppression or explosion prevention equipment. In no event shall the Administrator

authorize under this paragraph any person to produce any such halon in an amount greater than 3 percent of that produced by such person during the baseline year.

**(h) Methyl bromide**

Notwithstanding subsections (b) and (d), the Administrator shall not terminate production of methyl bromide prior to January 1, 2005. The Administrator shall promulgate rules for reductions in, and terminate the production, importation, and consumption of, methyl bromide under a schedule that is in accordance with, but not more stringent than, the phaseout schedule of the Montreal Protocol Treaty as in effect on October 21, 1998.

(July 14, 1955, ch. 360, title VI, § 604, as added Pub. L. 101-549, title VI, § 602(a), Nov. 15, 1990, 104 Stat. 2655; amended Pub. L. 105-277, div. A, § 101(a) [title VII, § 764], Oct. 21, 1998, 112 Stat. 2681, 2681-36.)

**Editorial Notes**

**AMENDMENTS**

1998—Subsec. (d)(5), (6). Pub. L. 105-277, § 101(a) [title VII, § 764(b)], added pars. (5) and (6).

Subsec. (e)(3). Pub. L. 105-277, § 101(a) [title VII, § 764(c)], added par. (3).

Subsec. (h). Pub. L. 105-277, § 101(a) [title VII, § 764(a)], added subsec. (h).

**§ 7671d. Phase-out of production and consumption of class II substances**

**(a) Restriction of use of class II substances**

Effective January 1, 2015, it shall be unlawful for any person to introduce into interstate commerce or use any class II substance unless such substance—

- (1) has been used, recovered, and recycled;
- (2) is used and entirely consumed (except for trace quantities) in the production of other chemicals;
- (3) is used as a refrigerant in appliances manufactured prior to January 1, 2020; or
- (4) is listed as acceptable for use as a fire suppression agent for nonresidential applications in accordance with section 7671k(c) of this title.

As used in this subsection, the term “refrigerant” means any class II substance used for heat transfer in a refrigerating system.

**(b) Production phase-out**

(1) Effective January 1, 2015, it shall be unlawful for any person to produce any class II substance in an annual quantity greater than the quantity of such substance produced by such person during the baseline year.

(2) Effective January 1, 2030, it shall be unlawful for any person to produce any class II substance.

**(c) Regulations regarding production and consumption of class II substances**

By December 31, 1999, the Administrator shall promulgate regulations phasing out the production, and restricting the use, of class II substances in accordance with this section, subject to any acceleration of the phase-out of production under section 7671e of this title. The Admin-

istrator shall also promulgate regulations to insure that the consumption of class II substances in the United States is phased out and terminated in accordance with the same schedule (subject to the same exceptions and other provisions) as is applicable to the phase-out and termination of production of class II substances under this subchapter.

**(d) Exceptions**

**(1) Medical devices**

**(A) In general**

Notwithstanding the termination of production required under subsection (b)(2) and the restriction on use referred to in subsection (a), the Administrator, after notice and opportunity for public comment, shall, to the extent such action is consistent with the Montreal Protocol, authorize the production and use of limited quantities of class II substances solely for purposes of use in medical devices if such authorization is determined by the Commissioner, in consultation with the Administrator, to be necessary for use in medical devices.

**(B) Cap on exception**

Under no circumstances may the authority set forth in subparagraph (A) be applied to authorize any person to produce a class II substance in annual quantities greater than 10 percent of that produced by such person during the baseline year.

**(2) Developing countries**

**(A) In general**

Notwithstanding the provisions of subsection (a) or (b), the Administrator, after notice and opportunity for public comment, may authorize the production of limited quantities of a class II substance in excess of the quantities otherwise permitted under such provisions solely for export to and use in developing countries that are Parties to the Montreal Protocol, as determined by the Administrator. Any production authorized under this subsection shall be solely for purposes of satisfying the basic domestic needs of such countries.

**(B) Cap on exception**

(i) Under no circumstances may the authority set forth in subparagraph (A) be applied to authorize any person to produce a class II substance in any year following the effective date of subsection (b)(1) and before the year 2030 in annual quantities greater than 110 percent of the quantity of such substance produced by such person during the baseline year.

(ii) Under no circumstances may the authority set forth in subparagraph (A) be applied to authorize any person to produce a class II substance in the year 2030, or any year thereafter, in an annual quantity greater than 15 percent of the quantity of such substance produced by such person during the baseline year.

(iii) Each exception authorized under this paragraph shall terminate no later than January 1, 2040.

(July 14, 1955, ch. 360, title VI, § 605, as added Pub. L. 101-549, title VI, § 602(a), Nov. 15, 1990, 104 Stat. 2658; amended Pub. L. 112-81, div. A, title III, § 320, Dec. 31, 2011, 125 Stat. 1361.)

**Editorial Notes**

**AMENDMENTS**

2011—Subsec. (a)(4). Pub. L. 112-81 added par. (4).

**§ 7671e. Accelerated schedule**

**(a) In general**

The Administrator shall promulgate regulations, after notice and opportunity for public comment, which establish a schedule for phasing out the production and consumption of class I and class II substances (or use of class II substances) that is more stringent than set forth in section 7671c or 7671d of this title, or both, if—

(1) based on an assessment of credible current scientific information (including any assessment under the Montreal Protocol) regarding harmful effects on the stratospheric ozone layer associated with a class I or class II substance, the Administrator determines that such more stringent schedule may be necessary to protect human health and the environment against such effects.

(2) based on the availability of substitutes for listed substances, the Administrator determines that such more stringent schedule is practicable, taking into account technological achievability, safety, and other relevant factors, or

(3) the Montreal Protocol is modified to include a schedule to control or reduce production, consumption, or use of any substance more rapidly than the applicable schedule under this subchapter.

In making any determination under paragraphs (1) and (2), the Administrator shall consider the status of the period remaining under the applicable schedule under this subchapter.

**(b) Petition**

Any person may petition the Administrator to promulgate regulations under this section. The Administrator shall grant or deny the petition within 180 days after receipt of any such petition. If the Administrator denies the petition, the Administrator shall publish an explanation of why the petition was denied. If the Administrator grants such petition, such final regulations shall be promulgated within 1 year. Any petition under this subsection shall include a showing by the petitioner that there are data adequate to support the petition. If the Administrator determines that information is not sufficient to make a determination under this subsection, the Administrator shall use any authority available to the Administrator, under any law administered by the Administrator, to acquire such information.

(July 14, 1955, ch. 360, title VI, § 606, as added Pub. L. 101-549, title VI, § 602(a), Nov. 15, 1990, 104 Stat. 2660.)

**§ 7671f. Exchange authority**

**(a) Transfers**

The Administrator shall, within 10 months after November 15, 1990, promulgate rules under