Substances that Deplete the Ozone Layer, a protocol to the Vienna Convention for the Protection of the Ozone Layer, including adjustments adopted by Parties thereto and amendments that have entered into force.

(10) Ozone-depletion potential

The term ''ozone-depletion potential'' means a factor established by the Administrator to reflect the ozone-depletion potential of a substance, on a mass per kilogram basis, as compared to chlorofluorocarbon-11 (CFC–11). Such factor shall be based upon the substance's atmospheric lifetime, the molecular weight of bromine and chlorine, and the substance's ability to be photolytically disassociated, and upon other factors determined to be an accurate measure of relative ozone-depletion potential.

(11) Produce, produced, and production

The terms ''produce'', ''produced'', and ''production'', refer to the manufacture of a substance from any raw material or feedstock chemical, but such terms do not include—

(A) the manufacture of a substance that is used and entirely consumed (except for trace quantities) in the manufacture of other chemicals, or

(B) the reuse or recycling of a substance.

(July 14, 1955, ch. 360, title VI, § 601, as added Pub. L. 101–549, title VI, § 602(a), Nov. 15, 1990, 104 Stat. 2649.)

REFERENCES IN TEXT

The Federal Food, Drug, and Cosmetic Act, referred to in par. (8), is act June 25, 1938, ch. 675, 52 Stat. 1040, as amended, which is classified generally to chapter 9 (§ 301 et seq.) of Title 21, Food and Drugs. For complete classification of this Act to the Code, see section 301 of Title 21 and Tables.

§ 7671a. Listing of class I and class II substances

(a) List of class I substances

Within 60 days after November 15, 1990, the Administrator shall publish an initial list of class I substances, which list shall contain the following substances:

Group I
chlorofluorocarbon-11 (CFC–11)
chlorofluorocarbon-12 (CFC–12)
chlorofluorocarbon-113 (CFC–113)
chlorofluorocarbon-114 (CFC–114)
chlorofluorocarbon-115 (CFC–115)

Group II
halon-1211
halon-1301
halon-2402

Group III
chlorofluorocarbon-13 (CFC–13)
chlorofluorocarbon-111 (CFC–111)
chlorofluorocarbon-112 (CFC–112)
chlorofluorocarbon-211 (CFC–211)
chlorofluorocarbon-212 (CFC–212)
chlorofluorocarbon-213 (CFC–213)
chlorofluorocarbon-214 (CFC–214)
chlorofluorocarbon-215 (CFC–215)
chlorofluorocarbon-216 (CFC–216)
chlorofluorocarbon-217 (CFC–217)

Group IV
carbon tetrachloride

Group V
methyl chloroform

The initial list under this subsection shall also include the isomers of the substances listed above, other than 1,1,2-trichloroethane (an isomer of methyl chloroform). Pursuant to subsection (c) of this section, the Administrator shall add to the list of class I substances any other substance that the Administrator finds causes or contributes significantly to harmful effects on the stratospheric ozone layer. The Administrator shall, pursuant to subsection (c) of this section, add to such list all substances that the Administrator determines have an ozone depletion potential of 0.2 or greater.

(b) List of class II substances

Simultaneously with publication of the initial list of class I substances, the Administrator shall publish an initial list of class II substances, which shall contain the following substances:

hydrochlorofluorocarbon-21 (HCFC–21)
hydrochlorofluorocarbon-22 (HCFC–22)
hydrochlorofluorocarbon-31 (HCFC–31)
hydrochlorofluorocarbon-121 (HCFC–121)
hydrochlorofluorocarbon-122 (HCFC–122)
hydrochlorofluorocarbon-123 (HCFC–123)
hydrochlorofluorocarbon-124 (HCFC–124)
hydrochlorofluorocarbon-131 (HCFC–131)
hydrochlorofluorocarbon-132 (HCFC–132)
hydrochlorofluorocarbon-133 (HCFC–133)
hydrochlorofluorocarbon-141 (HCFC–141)
hydrochlorofluorocarbon-142 (HCFC–142)
hydrochlorofluorocarbon-221 (HCFC–221)
hydrochlorofluorocarbon-222 (HCFC–222)
hydrochlorofluorocarbon-223 (HCFC–223)
hydrochlorofluorocarbon-224 (HCFC–224)
hydrochlorofluorocarbon-225 (HCFC–225)
hydrochlorofluorocarbon-226 (HCFC–226)
hydrochlorofluorocarbon-231 (HCFC–231)
hydrochlorofluorocarbon-232 (HCFC–232)
hydrochlorofluorocarbon-233 (HCFC–233)
hydrochlorofluorocarbon-234 (HCFC–234)
hydrochlorofluorocarbon-235 (HCFC–235)
hydrochlorofluorocarbon-241 (HCFC–241)
hydrochlorofluorocarbon-242 (HCFC–242)
hydrochlorofluorocarbon-243 (HCFC–243)
hydrochlorofluorocarbon-244 (HCFC–244)
hydrochlorofluorocarbon-251 (HCFC–251)
hydrochlorofluorocarbon-252 (HCFC–252)
hydrochlorofluorocarbon-253 (HCFC–253)
hydrochlorofluorocarbon-261 (HCFC–261)
hydrochlorofluorocarbon-262 (HCFC–262)
hydrochlorofluorocarbon-271 (HCFC–271)

The initial list under this subsection shall also include the isomers of the substances listed above. Pursuant to subsection (c) of this section, the Administrator shall add to the list of class II substances any other substance that the Administrator finds is known or may reasonably be anticipated to cause or contribute to harmful effects on the stratospheric ozone layer.

(c) Additions to the lists

(1) The Administrator may add, by rule, in accordance with the criteria set forth in subsection (a) or (b) of this section, as the case may be, any substance to the list of class I or class II substances under subsection (a) or (b) of this section. For purposes of exchanges under section 7661f[1] of this title, whenever a substance is

[1] So in original. Probably should be section ''7671f''.

added to the list of class I substances the Administrator shall, to the extent consistent with the Montreal Protocol, assign such substance to existing Group I, II, III, IV, or V or place such substance in a new Group.

(2) Periodically, but not less frequently than every 3 years after November 15, 1990, the Administrator shall list, by rule, as additional class I or class II substances those substances which the Administrator finds meet the criteria of subsection (a) or (b) of this section, as the case may be.

(3) At any time, any person may petition the Administrator to add a substance to the list of class I or class II substances. Pursuant to the criteria set forth in subsection (a) or (b) of this section as the case may be, within 180 days after receiving such a petition, the Administrator shall either propose to add the substance to such list or publish an explanation of the petition denial. In any case where the Administrator proposes to add a substance to such list, the Administrator shall add, by rule, (or make a final determination not to add) such substance to such list within 1 year after receiving such petition. Any petition under this paragraph shall include a showing by the petitioner that there are data on the substance adequate to support the petition. If the Administrator determines that information on the substance is not sufficient to make a determination under this paragraph, the Administrator shall use any authority available to the Administrator, under any law administered by the Administrator, to acquire such information.

(4) Only a class II substance which is added to the list of class I substances may be removed from the list of class II substances. No substance referred to in subsection (a) of this section, including methyl chloroform, may be removed from the list of class I substances.

(d) New listed substances

In the case of any substance added to the list of class I or class II substances after publication of the initial list of such substances under this section, the Administrator may extend any schedule or compliance deadline contained in section 7671c or 7671d of this title to a later date than specified in such sections if such schedule or deadline is unattainable, considering when such substance is added to the list. No extension under this subsection may extend the date for termination of production of any class I substance to a date more than 7 years after January 1 of the year after the year in which the substance is added to the list of class I substances. No extension under this subsection may extend the date for termination of production of any class II substance to a date more than 10 years after January 1 of the year after the year in which the substance is added to the list of class II substances.

(e) Ozone-depletion and global warming potential

Simultaneously with publication of the lists under this section and simultaneously with any addition to either of such lists, the Administrator shall assign to each listed substance a numerical value representing the substance's ozone-depletion potential. In addition, the Administrator shall publish the chlorine and bromine loading potential and the atmospheric lifetime of each listed substance. One year after November 15, 1990 (one year after the addition of a substance to either of such lists in the case of a substance added after the publication of the initial lists of such substances), and after notice and opportunity for public comment, the Administrator shall publish the global warming potential of each listed substance. The preceding sentence shall not be construed to be the basis of any additional regulation under this chapter. In the case of the substances referred to in table 1, the ozone-depletion potential shall be as specified in table 1, unless the Administrator adjusts the substance's ozone-depletion potential based on criteria referred to in section 7671(10) of this title:

TABLE 1

Substance	Ozone-depletion potential
chlorofluorocarbon-11 (CFC–11)	1.0
chlorofluorocarbon-12 (CFC–12)	1.0
chlorofluorocarbon-13 (CFC–13)	1.0
chlorofluorocarbon-111 (CFC–111)	1.0
chlorofluorocarbon-112 (CFC–112)	1.0
chlorofluorocarbon-113 (CFC–113)	0.8
chlorofluorocarbon-114 (CFC–114)	1.0
chlorofluorocarbon-115 (CFC–115)	0.6
chlorofluorocarbon-211 (CFC–211)	1.0
chlorofluorocarbon-212 (CFC–212)	1.0
chlorofluorocarbon-213 (CFC–213)	1.0
chlorofluorocarbon-214 (CFC–214)	1.0
chlorofluorocarbon-215 (CFC–215)	1.0
chlorofluorocarbon-216 (CFC–216)	1.0
chlorofluorocarbon-217 (CFC–217)	1.0
halon-1211	3.0
halon-1301	10.0
halon-2402	6.0
carbon tetrachloride	1.1
methyl chloroform	0.1
hydrochlorofluorocarbon-22 (HCFC–22)	0.05
hydrochlorofluorocarbon-123 (HCFC–123)	0.02
hydrochlorofluorocarbon-124 (HCFC–124)	0.02
hydrochlorofluorocarbon-141(b) (HCFC–141(b))	0.1
hydrochlorofluorocarbon-142(b) (HCFC–142(b))	0.06

Where the ozone-depletion potential of a substance is specified in the Montreal Protocol, the ozone-depletion potential specified for that substance under this section shall be consistent with the Montreal Protocol.

(July 14, 1955, ch. 360, title VI, § 602, as added Pub. L. 101–549, title VI, § 602(a), Nov. 15, 1990, 104 Stat. 2650.)

§ 7671b. Monitoring and reporting requirements

(a) Regulations

Within 270 days after November 15, 1990, the Administrator shall amend the regulations of the Administrator in effect on such date regarding monitoring and reporting of class I and class II substances. Such amendments shall conform to the requirements of this section. The amended regulations shall include requirements with respect to the time and manner of monitoring and reporting as required under this section.