

**Environmental Protection Agency**

**Pt. 82, Subpt. A, App. I**

when used in laboratory toxicological studies;

c. Methyl bromide is exempted as an approved essential laboratory and analytical use to compare the efficacy of methyl bromide and its alternatives inside a laboratory; and

d. Methyl bromide is exempted as an approved essential laboratory and analytical use as a laboratory agent which is destroyed in a chemical reaction in the manner of feed-stock.

[60 FR 24986, May 10, 1995, as amended at 67 FR 6362, Feb. 11, 2002; 72 FR 73269, Dec. 27, 2007]

**APPENDIX H TO SUBPART A OF PART 82—CLEAN AIR ACT AMENDMENTS OF 1990  
PHASEOUT SCHEDULE FOR PRODUCTION OF OZONE-DEPLETING SUBSTANCES**

Date	Carbon tetra-chloride (percent)	Methyl chloro-form (per-cent)	Other class sub-stances (percent)	Date	Carbon tetra-chloride (percent)	Methyl chloro-form (per-cent)	Other class sub-stances (percent)
1994 .....	70	85	65	1998 .....	15	50	15
1995 .....	15	70	50	1999 .....	15	50	15
1996 .....	15	50	40	2000 .....	.....	20	.....
1997 .....	15	50	15	2001 .....	.....	20	.....

**APPENDIX I TO SUBPART A OF PART 82—GLOBAL WARMING POTENTIALS (MASS BASIS), REFERENCED TO THE ABSOLUTE GWP FOR THE ADOPTED CARBON CYCLE MODEL CO<sub>2</sub> DECAY RESPONSE AND FUTURE CO<sub>2</sub> ATMOSPHERIC CONCENTRATIONS HELD CONSTANT AT CURRENT LEVELS. (ONLY DIRECT EFFECTS ARE CONSIDERED.)**

Species (chemical)	Chemical formula	Global warming potential (time horizon)		
		20 years	100 years	500 years
CFC-11 .....	CFCl <sub>3</sub>	5000	4000	1400
CFC-12 .....	CF <sub>2</sub> Cl <sub>2</sub>	7900	8500	4200
CFC-13 .....	CClF <sub>3</sub>	8100	11700	13600
CFC-113 .....	C <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub>	5000	5000	2300
CFC-114 .....	C <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub>	6900	9300	8300
CFC-115 .....	C <sub>2</sub> F <sub>5</sub> Cl	6200	9300	13000
H-1301 .....	CF <sub>3</sub> Br	6200	5600	2200
Carbon Tet .....	CCl <sub>4</sub>	2000	1400	500
Methyl Chl .....	CH <sub>3</sub> CCl <sub>3</sub>	360	110	35
HCFC-22 .....	CF <sub>2</sub> HCl	4300	1700	520
HCFC-141b .....	C <sub>2</sub> FH <sub>3</sub> Cl <sub>2</sub>	1800	630	200
HCFC-142b .....	C <sub>2</sub> F <sub>2</sub> H <sub>3</sub> Cl	4200	2000	630
HCFC-123 .....	C <sub>2</sub> F <sub>3</sub> HCl <sub>2</sub>	300	93	29
HCFC-124 .....	C <sub>2</sub> F <sub>4</sub> HCl	1500	480	150
HCFC-225ca .....	C <sub>3</sub> F <sub>5</sub> HCl <sub>2</sub>	550	170	52
HCFC-225cb .....	C <sub>3</sub> F <sub>5</sub> HCl <sub>2</sub>	1700	530	170

United Nations Environment Programme (UNEP), February 1995, Scientific Assessment of Ozone Depletion: 1994, Chapter 13, "Ozone Depleting Potentials, Global Warming Potentials and Future Chlorine/Bromine Loading," and do not reflect review of scientific documents published after that date.

[61 FR 1285, Jan. 19, 1996]