

ELECTRONIC CODE OF FEDERAL REGULATIONS

e-CFR Data is current as of November 25, 2013

Title 40: Protection of Environment
 PART 82—PROTECTION OF STRATOSPHERIC OZONE
 Subpart A—Production and Consumption Controls

APPENDIX A TO SUBPART A OF PART 82—CLASS I CONTROLLED SUBSTANCES

Class 1 controlled substances	ODP
A. Group I:	
CFCl ₃ -Trichlorofluoromethane (CFC-II)	1.0
CF ₂ Cl ₂ -Dichlorodifluoromethane (CFC-12)	1.0
C ₂ F ₃ Cl ₃ -Trichlorotrifluoroethane (CFC-113)	0.8
C ₂ F ₄ Cl ₂ -Dichlorotetrafluoroethane (CFC-114)	1.0
C ₂ F ₅ Cl-Monochloropentafluoroethane (CFC-115)	0.6
All isomers of the above chemicals	
B. Group II:	
CF ₂ ClBr-Bromochlorodifluoromethane (Halon-1211)	3.0
CF ₃ Br-Bromotrifluoromethane (Halon-1301)	10.0
C ₂ F ₄ Br ₂ -Dibromotetrafluoroethane (Halon-2402)	6.0
All isomers of the above chemicals	
C. Group III:	
CF ₃ Cl-Chlorotrifluoromethane (CFC-13)	1.0
C ₂ FCl ₅ -(CFC-111)	1.0
C ₂ F ₂ Cl ₄ -(CFC-112)	1.0
C ₃ FCl ₇ -(CFC-211)	1.0
C ₃ F ₂ Cl ₆ -(CFC-212)	1.0
C ₃ F ₃ Cl ₅ -(CFC-213)	1.0
C ₃ F ₄ Cl ₄ -(CFC-214)	1.0
C ₃ F ₅ Cl ₃ -(CFC-215)	1.0
C ₃ F ₆ Cl ₂ -(CFC-216)	1.0
C ₃ F ₇ Cl-(CFC-217)	1.0
All isomers of the above chemicals	
D. Group IV: CCl₄-Carbon Tetrachloride	1.1
E. Group V:	
C ₂ H ₃ Cl ₃ -1,1,1 Trichloroethane (Methyl chloroform)	0.1
All isomers of the above chemical except 1,1,2-trichloroethane	
F. Group VI: CH₃ Br—Bromomethane (Methyl Bromide)	0.7
G. Group VII:	
CHFBR ₂	1.00
CHF ₂ Br (HBFC-2201)	0.74
	0.73

CH ₂ FBr	
C ₂ HFBr ₄	0.3-0.8
C ₂ HF ₂ Br ₃	0.5-1.8
C ₂ HF ₃ Br ₂	0.4-1.6
C ₂ HF ₄ Br	0.7-1.2
C ₂ H ₂ FBr ₃	0.1-1.1
C ₂ H ₂ F ₂ Br ₂	0.2-1.5
C ₂ H ₂ F ₃ Br	0.7-1.6
C ₂ H ₂ FBr ₂	0.1-1.7
C ₂ H ₃ F ₂ Br	0.2-1.1
C ₂ H ₄ FBr	0.07-0.1
C ₃ HFBr ₆	0.3-1.5
C ₃ HF ₂ Br ₅	0.2-1.9
C ₃ HF ₃ Br ₄	0.3-1.8
C ₃ HF ₄ Br ₃	0.5-2.2
C ₃ HF ₅ Br ₂	0.9-2.0
C ₃ HF ₆ Br	0.7-3.3
C ₃ H ₂ FBR ₅	0.1-1.9
C ₃ H ₂ F ₂ BR ₄	0.2-2.1
C ₃ H ₂ F ₃ Br ₃	0.2-5.6
C ₃ H ₂ F ₄ Br ₂	0.3-7.5
C ₃ H ₂ F ₅ BR	0.9-14
C ₃ H ₃ FBR ₄	0.08-1.9
C ₃ H ₃ F ₂ Br ₃	0.1-3.1
C ₃ H ₃ F ₃ Br ₂	0.1-2.5
C ₃ H ₃ F ₄ Br	0.3-4.4
C ₃ H ₄ FBr ₃	0.03-0.3
C ₃ H ₄ F ₂ Br ₂	0.1-1.0
C ₃ H ₄ F ₃ Br	0.07-0.8
C ₃ H ₅ FBr ₂	0.04-0.4
C ₃ H ₅ F ₂ Br	0.07-0.8
C ₃ H ₆ FB	0.02-0.7
H. Group VIII:	
CH ₂ BrCl (Chlorobromomethane	0.12

[60 FR 24986, May 10, 1995, as amended at 68 FR 42892, July 18, 2003]

For questions or comments regarding e-CFR editorial content, features, or design, email ecfr@nara.gov.
For questions concerning e-CFR programming and delivery issues, email webteam@gpo.gov.