

New Controlled Substances under the Montreal Protocol

Group I -- Methyl Bromide

<u>Chemical Name</u>	<u>Common Name</u>	<u>Ozone Depleting Potential</u>
CH ₃ Br--methyl bromide	---	0.7

Group II -- Hydrobromofluorocarbons (HBFCs)

<u>Chemical Name</u>	<u>Common Name</u>	<u>Ozone Depleting Potential</u>
CHFBr ₂ --Dibromofluoromethane	---	1.00
CHF ₂ Br--Bromodifluoromethane	HBFC-22B1	0.74
CH ₂ FBr--Bromofluoromethane	---	0.73
C ₂ HFBr ₄ --Tetrabromofluoroethane	---	0.80
C ₂ HF ₂ Br ₃ --Tribromodifluoroethane	---	1.80
C ₂ HF ₃ Br ₂ --Dibromotrifluoroethane	---	1.60
C ₂ HF ₄ Br--Bromotetrafluoroethane	---	1.20
C ₂ H ₂ FBr ₃ --Tribromofluoroethane	---	1.10
C ₂ H ₂ F ₂ Br ₂ --Dibromodifluoroethane	---	1.50
C ₂ H ₂ F ₃ Br--Bromotrifluoroethane	---	1.60
C ₂ H ₃ FBr ₂ --Dibromofluoroethane	---	1.70
C ₂ H ₃ F ₂ Br--Bromodifluoroethane	---	1.10
C ₂ H ₄ FBr--Bromofluoroethane	---	0.10
C ₃ HFBr ₆ --Hexabromofluoropropane	---	1.50
C ₃ HF ₂ Br ₅ --Pentabromodifluoropropane	---	1.90
C ₃ HF ₃ Br ₄ --Tetrabromotrifluoropropane	---	1.80
C ₃ HF ₄ Br ₃ --Tribromotetrafluoropropane	---	2.20
C ₃ HF ₅ Br ₂ --Dibromopentafluoropropane	---	2.00
C ₃ HF ₆ Br--Bromohexafluoropropane	---	3.30
C ₃ H ₂ FBr ₅ --Pentabromofluoropropane	---	1.90
C ₃ H ₂ F ₂ Br ₄ --Tetrabromodifluoropropane	---	2.10
C ₃ H ₂ F ₃ Br ₃ --Tribromotrifluoropropane	---	5.60
C ₃ H ₂ F ₄ Br ₂ --Dibromotetrafluoropropane	---	7.50
C ₃ H ₂ F ₅ Br--Bromopentafluoropropane	---	14.00
C ₃ H ₃ FBr ₄ --Tetrabromofluoropropane	---	1.90
C ₃ H ₃ F ₂ Br ₃ --Tribromodifluoropropane	---	3.10
C ₃ H ₃ F ₃ Br ₂ --Dibromotrifluoropropane	---	2.50
C ₃ H ₃ F ₄ Br--Bromotetrafluoropropane	---	4.40
C ₃ H ₄ FBr ₃ --Tribromofluoropropane	---	0.30

C ₃ H ₄ F ₂ Br ₂ --Dibromodifluoropropane	---	1.00
C ₃ H ₄ F ₃ Br--Bromotrifluoropropane	---	0.80
C ₃ H ₅ FBr ₂ --Dibromofluoropropane	---	0.40
C ₃ H ₅ F ₂ Br--Bromodifluoropropane	---	0.80
C ₃ H ₆ FBr--Bromofluoropropane	---	0.70

Group III -- Hydrochlorofluorocarbons (HCFCs)

<u>Chemical Name</u>	<u>Common Name</u>	<u>Ozone Depleting Potential</u>
CHFC1 ₂ --Dichlorofluoromethane	HCFC-21	0.040
CHF ₂ Cl--Chlorodifluoromethane	HCFC-22	0.055
CH ₂ FCl--Chlorofluoromethane	HCFC-31	0.020
C ₂ HFCl ₄ --Tetrachlorofluoroethane	HCFC-121	0.040
C ₂ HF ₂ Cl ₃ --Trichlorodifluoroethane	HCFC-122	0.080
C ₂ HF ₃ Cl ₂ --Dichlorotrifluoroethane	HCFC-123	0.060
C ₂ HF ₄ Cl--Chlorotetrafluoroethane	HCFC-124	0.040
C ₂ H ₂ FCl ₃ --Trichlorofluoroethane	HCFC-131	0.050
C ₂ H ₂ F ₂ Cl ₂ --Dichlorodifluoroethane	HCFC-132	0.050
C ₂ H ₂ F ₃ Cl--Chlorotrifluoroethane	HCFC-133	0.060
C ₂ H ₃ FCl ₂ --Dichlorofluoroethane	HCFC-141	0.070
C ₂ H ₃ F ₂ Cl--Chlorodifluoroethane	HCFC-142	0.070
C ₂ H ₄ FCl--Chlorofluoroethane	HCFC-151	0.005
C ₃ HFCl ₆ --Hexachlorofluoropropane	HCFC-221	0.070
C ₃ HF ₂ Cl ₅ --Pentachlorodifluoropropane	HCFC-222	0.090
C ₃ HF ₃ Cl ₄ --Tetrachlorotrifluoropropane	HCFC-223	0.080
C ₃ HF ₄ Cl ₃ --Trichlorotetrafluoropropane	HCFC-224	0.090
C ₃ HF ₅ Cl ₂ --Dichloropentafluoropropane	HCFC-225	0.070
C ₃ HF ₆ Cl--Chlorohexafluoropropane	HCFC-226	0.100
C ₃ H ₂ FCl ₅ --Pentachlorofluoropropane	HCFC-231	0.090
C ₃ H ₂ F ₂ Cl ₄ --Tetrachlorodifluoropropane	HCFC-232	0.100
C ₃ H ₂ F ₃ Cl ₃ --Trichlorotrifluoropropane	HCFC-233	0.230
C ₃ H ₂ F ₄ Cl ₂ --Dichlorotetrafluoropropane	HCFC-234	0.280
C ₃ H ₂ F ₅ Cl--Chloropentafluoropropane	HCFC-235	0.520
C ₃ H ₃ FCl ₄ --Tetrachlorofluoropropane	HCFC-241	0.090
C ₃ H ₃ F ₂ Cl ₃ --Trichlorodifluoropropane	HCFC-242	0.130
C ₃ H ₃ F ₃ Cl ₂ --Dichlorotrifluoropropane	HCFC-243	0.120
C ₃ H ₃ F ₄ Cl--Chlorotetrafluoropropane	HCFC-244	0.140
C ₃ H ₄ FCl ₃ --Trichlorofluoropropane	HCFC-251	0.010
C ₃ H ₄ F ₂ Cl ₂ --Dichlorodifluoropropane	HCFC-252	0.040
C ₃ H ₄ F ₃ Cl--Chlorotrifluoropropane	HCFC-253	0.030
C ₃ H ₅ FCl ₂ --Dichlorofluoropropane	HCFC-261	0.020
C ₃ H ₅ F ₂ Cl--Chlorodifluoropropane	HCFC-262	0.020
C ₃ H ₆ FCl--Chlorofluoropropane	HCFC-271	0.030