



Minnesota Pollution Control Agency

AIR QUALITY
520 LAFAYETTE ROAD NO., ST. PAUL, MN 55155-4194

PERMIT APPLICATION FORM **CAP-GI-09F**
REQUIREMENTS:
STRATOSPHERIC OZONE
PROTECTION (40 CFR pt. 82)

10/7/04

Stratospheric Ozone Protection

(1990 Clean Air Act, as amended, Sections 601-618; 40 CFR pt. 82)

The 1990 Clean Air Act Amendments, Sections 601-618 and federal regulations located in 40 CFR pt. 82 regulate ozone depleting substances and requires a phase out of their use. Review the attached list of ozone depleting chemicals, Tables E and F. If you manufacture, sell, distribute or use any the chemicals in Tables E and F, then Sections 601-618 and 40 CFR pt. 82 apply to your facility. Please read Sections 601-618 and 40 CFR pt. 82 to determine all the requirements that apply to your facility.

- 1) After reviewing Table F check one of the following:
- ☐ NO, my facility **does not** manufacture, sell, distribute or use any chemicals from the list, and the 1990 Clean Air Act, as amended, Sections 601-618 do not apply to my facility. Return to Form **CAP-GI-09 Requirements**, question 3b.
- ☐ YES, my facility **does** manufacture, sell, distribute or use one or more of the chemicals from the list. Go to question 2.
- 2) Indicate below which chemicals you manufacture, sell, distribute or use; whether the chemical is Class I or Class II; and what chemical your facility will be using to replace the phased out chemical. Include additional pages if necessary:

2a) Chemical Name:	2b) Class Type:	2c) CAS Number:	2d) Replacement Chemical (after phase out):

- 3) Return to form **CAP-GI-09 Requirements**, question 3b.

TABLE E
CLASS I OZONE DEPLETING CHEMICALS

Group I:	Chemical	CAS Number
	CFCl ₃ -Trichlorofluoromethane (CFC-11)	75-69-4
	CF ₂ Cl ₂ -Dichlorodifluoromethane (CFC-12)	75-71-8
	C ₂ F ₃ Cl ₂ -Trichlorotrifluoroethane (CFC-113)	76-13-1
	C ₂ F ₄ Cl ₃ -Dichlorotetrafluoroethane (CFC-114)	76-14-2
	C ₂ F ₅ Cl-Monochloropentafluoroethane (CFC-115)	76-15-3
	All isomers of the above chemicals	
Group II:	Chemical	CAS Number
	CF ₂ ClBr-Bromochlorodifluoromethane (Halon-1211)	421-01-2
	CF ₃ Br-Bromotrifluoroethane (Halon-1301)	75-63-8
	C ₂ F ₄ Br ₂ -Dibromotetrafluoroethane (Halon-2402)	124-73-2
	All isomers of the above chemicals	
Group III:	Chemical	CAS Number
	CF ₃ Cl-Chlorotrifluoromethane (CFC-13)	75-72-9
	C ₂ FCl ₅ (CFC-111)	954-56-3
	C ₂ F ₂ Cl ₄ (CFC-112)	76-12-0
	C ₃ FCl ₇ (CFC-211)	422-78-6
	C ₃ F ₂ Cl ₆ (CFC-212)	3182-26-1
	C ₃ F ₃ Cl ₅ (CFC-213)	2354-06-5
	C ₃ F ₄ Cl ₄ (CFC-214)	29255-31-0
	C ₃ F ₅ Cl ₃ (CFC-215)	4259-43-2
	C ₃ F ₆ Cl ₂ (CFC-216)	661-97-2
	C ₃ F ₇ Cl (CFC-217)	422-86-6
	All isomers of the above chemicals	
Group IV:	Chemical	CAS Number
	CCl ₄ -Carbon Tetrachloride	56-23-5
Group V:	Chemical	CAS Number
	C ₂ H ₃ Cl ₃ -1,1,1 Trichloroethane (Methyl chloroform)	71-55-6
	All isomers of the above chemical except 1,1,2-trichloroethane	79-00-5
Group VI:	Chemical	CAS Number
	CH ₃ Br - Bromomethane (Methyl Bromide)	
Group VII:	Chemical	CAS Number
	CHFBR ₂	
	CHF ₂ Br (HBFC-22B1)	
	CH ₂ FBr	
	C ₂ HFBr ₄	
	C ₂ HF ₂ Br ₃	
	C ₂ HF ₃ Br ₂	
	C ₂ HF ₄ Br	
	C ₂ H ₂ FBr ₃	
	C ₂ H ₂ F ₂ Br ₂	
	C ₂ H ₂ F ₃ Br	
	C ₂ H ₂ FBr ₂	
	C ₂ H ₃ F ₂ Br	
	C ₂ H ₄ FBr	
	C ₃ HFBr ₆	
	C ₃ HF ₂ Br ₅	

TABLE E (continued)

Group VII:	Chemical	CAS Number
	C ₃ HF ₃ Br ₄	
	C ₃ HF ₄ Br ₃	
	C ₃ HF ₅ Br ₂	
	C ₃ HF ₆ Br	
	C ₃ H ₂ FBR ₅	
	C ₃ H ₂ F ₂ BR ₄	
	C ₃ H ₂ F ₃ Br ₃	
	C ₃ H ₂ F ₄ Br ₂	
	C ₃ H ₂ F ₅ BR	
	C ₃ H ₃ FBR ₄	
	C ₃ H ₃ F ₂ Br ₃	
	C ₃ H ₃ F ₃ Br ₂	
	C ₃ H ₃ F ₄ Br	
	C ₃ H ₄ FBr ₃	
	C ₃ H ₄ F ₂ Br ₂	
	C ₃ H ₄ F ₃ Br	
	C ₃ H ₅ FBr ₂	
	C ₃ H ₅ F ₂ Br	
	C ₃ H ₆ FB	

TABLE F
CLASS II OZONE DEPLETING CHEMICALS

	Chemical	CAS Number
HCFC-21	CHFC1 ₂ -dichlorofluoromethane	75-43-4
HCFC-22	CHF ₂ Cl -chlorodifluoromethane	75-45-6
HCFC-31	CH ₂ FC1 -chlorofluoromethane	593-70-4
HCFC-121	C ₂ HFCl ₄ -tetrachlorofluoroethane	130879-71-9
HCFC-121	C ₂ HFCl ₄ -tetrachlorofluoroethane	134237-32-4
HCFC-121	C ₂ HFCl ₄ -1,1,1,2-tetrachloro-2-fluoroethane	354-11-0
HCFC-121	C ₂ HFCl ₄ -1,1,2,2-tetrachloro-1-fluoroethane	354-14-3
HCFC-122	C ₂ HF ₂ Cl ₃ -trichlorodifluoroethane	41834-16-6
HCFC-122	C ₂ HF ₂ Cl ₃ -trichloro-1,1-difluoroethane	55949-46-7
HCFC-122	C ₂ HF ₂ Cl ₃ -1,2,2-trichloro-1,1-difluoroethane	354-21-2
HCFC-122	C ₂ HF ₂ Cl ₃ -1,2,2-trichloro-1,2-difluoroethane	354-15-4
HCFC-122	C ₂ HF ₂ Cl ₃ -1,1,1-trichloro-2,2-difluoroethane	354-12-1
HCFC-122	C ₂ HF ₂ Cl ₃ -1,1,2-trichloro-2,2-difluoroethane	NA
HCFC-123	C ₂ HF ₃ Cl ₂ -dichlorotrifluoroethane	34077-87-7
HCFC-123	C ₂ HF ₃ Cl ₂ -dichlorotrifluoroethane	134237-33-5
HCFC-123	C ₂ HF ₃ Cl ₂ -dichloro-1,1,2-trifluoroethane	90454-18-5
HCFC-123	C ₂ HF ₃ Cl ₂ -2,2-dichloro-1,1,1-trifluoroethane	306-83-2
HCFC-123a	C ₂ HF ₃ Cl ₂ -1,2-dichloro-1,1,2-trifluoroethane	354-23-4
HCFC-123b	C ₂ HF ₃ Cl ₂ -1,1-dichloro-1,2,2-trifluoroethane	812-04-4
HCFC-123	C ₂ HF ₃ Cl ₂ -2,2-dichloro-1,1,2-trifluoroethane	NA
HCFC-124	C ₂ HF ₄ Cl -chlorotetrafluoroethane	63938-10-3
HCFC-124	C ₂ HF ₄ Cl -2-chloro-1,1,1,2-tetrafluoroethane	2837-89-0
HCFC-124	C ₂ HF ₄ Cl -1-chloro-1,1,2,2-tetrafluoroethane	354-25-6
HCFC-131	C ₂ H ₂ FC1 ₃ -trichlorofluoroethane	27154-33-2
HCFC-131	C ₂ H ₂ FC1 ₃ -trichlorofluoroethane	134237-34-6
HCFC-131	C ₂ H ₂ FC1 ₃ -1,1,2-trichloro-1 (or 2)-fluoroethane	90134-98-8
HCFC-131b	C ₂ H ₂ FC1 ₃ -1,1,1-trichloro-2-fluoroethane	2366-36-1
HCFC-131a	C ₂ H ₂ FC1 ₃ -1,1,2-trichloro-1-fluoroethane	811-95-0
HCFC-131	C ₂ H ₂ FC1 ₃ -1,1,2-trichloro-2-fluoroethane	359-28-4
HCFC-132	C ₂ H ₂ F ₂ Cl ₂ -dichlorodifluoroethane	25915-78-0
HCFC-132	C ₂ H ₂ F ₂ Cl ₂ -dichloro-1,1-difluoroethane	55494-45-6
HCFC-132	C ₂ H ₂ F ₂ Cl ₂ -1,1-dichlorodifluoroethane	31153-51-2
HCFC-132	C ₂ H ₂ F ₂ Cl ₂ -1,2-dichloro-1,2-difluoroethane	33579-37-2
HCFC-132	C ₂ H ₂ F ₂ Cl ₂ -1,2-dichloro-1,2-difluoroethane	33489-30-4
HCFC-132c	C ₂ H ₂ F ₂ Cl ₂ -1,1-dichloro-1,2-difluoroethane	1842-05-3
HCFC-132b	C ₂ H ₂ F ₂ Cl ₂ -1,2-dichloro-1,1-difluoroethane	1649-08-7
HCFC-132a	C ₂ H ₂ F ₂ Cl ₂ -1,1-dichloro-2,2-difluoroethane	471-43-2
HCFC-132	C ₂ H ₂ F ₂ Cl ₂ -1,2-dichloro-1,2-difluoroethane	431-06-1
HCFC-133	C ₂ H ₂ F ₃ Cl -chlorotrifluoroethane	13330-45-6
HCFC-133	C ₂ H ₂ F ₃ Cl -1-chloro-1,2,2-trifluoroethane	431-07-2
HCFC-133b	C ₂ H ₂ F ₃ Cl -1-chloro-1,1,2-trifluoroethane	421-04-5
HCFC-133a	C ₂ H ₂ F ₃ Cl -2-chloro-1,1,1-trifluoroethane	75-88-7
HCFC-141	C ₂ H ₃ FC1 ₂ -dichlorofluoroethane	25167-88-8
HCFC-141b	C ₂ H ₃ FC1 ₂ -1,1-dichloro-1-fluoroethane	1717-00-6
HCFC-141	C ₂ H ₃ FC1 ₂ -1,2-dichloro-1-fluoroethane	430-57-9
HCFC-141a	C ₂ H ₃ FC1 ₂ -1,1-dichloro-2-fluoroethane	430-53-5
HCFC-142	C ₂ H ₃ F ₂ Cl -chlorodifluoroethane	25497-29-4
HCFC-142	C ₂ H ₃ F ₂ Cl -chloro-1,1-difluoroethane	55949-44-5
HCFC-142a	C ₂ H ₃ F ₂ Cl -2-chloro-1,1-difluoroethane	338-65-8
HCFC-142b	C ₂ H ₃ F ₂ Cl -1-chloro-1,2-difluoroethane	338-64-7
HCFC-142	C ₂ H ₃ F ₂ Cl -1-chloro-1,1-difluoroethane	75-68-3
HCFC-221	C ₃ HFCl ₆ -hexachlorofluoropropane	29470-94-8

TABLE F (continued)

	Chemical	CAS Number
HCFC-221	C ₃ HFCl ₆ -hexachlorofluoropropane	134237-35-7
HCFC-221	C ₃ HFCl ₆ -1,1,1,2,3,3-hexachloro-3-fluoropropane	431-79-8
HCFC-221	C ₃ HFCl ₆ -1,1,1,2,3,3-hexachloro-2-fluoropropane	422-40-2
HCFC-221	C ₃ HFCl ₆ -1,1,1,2,2,3-hexachloro-1-fluoropropane	422-26-4
HCFC-221	C ₃ HFCl ₆ -1,1,2,2,3,3-hexachloro-1-fluoropropane	422-28-6
HCFC-221	C ₃ HFCl ₆ -1,1,1,3,3,3-hexachloro-2-fluoropropane	NA
HCFC-222	C ₃ HF ₂ Cl ₅ -pentachlorodifluoropropane	116867-32-4
HCFC-222	C ₃ HF ₂ Cl ₅ -pentachlorodifluoropropane	134237-36-8
HCFC-222	C ₃ HF ₂ Cl ₅ -1,1,2,3,3-pentachloro-1,3-difluoropropane	421-82-3
HCFC-222	C ₃ HF ₂ Cl ₅ -1,1,1,2,3-pentachloro-3,3-difluoropropane	431-80-1
HCFC-222c	C ₃ HF ₂ Cl ₅ -1,1,1,3,3-pentachloro-2,2-difluoropropane	422-49-1
HCFC-222	C ₃ HF ₂ Cl ₅ -1,2,2,3,3-pentachloro-1,1-difluoropropane	422-30-0
HCFC-222	C ₃ HF ₂ Cl ₅ -1,1,1,2,2-pentachloro-3,3-difluoropropane	422-27-5
HCFC-222	C ₃ HF ₂ Cl ₅ -1,1,1,2,3-pentachloro-2,3-difluoropropane	NA
HCFC-222	C ₃ HF ₂ Cl ₅ -1,1,1,3,3-pentachloro-2,3-difluoropropane	NA
HCFC-222	C ₃ HF ₂ Cl ₅ -1,1,2,2,3-pentachloro-1,3-difluoropropane	NA
HCFC-222	C ₃ HF ₂ Cl ₅ -1,1,2,3,3-pentachloro-1,2-difluoropropane	NA
HCFC-223	C ₃ HF ₃ Cl ₄ -tetrachlorotrifluoropropane	29470-95-9
HCFC-223	C ₃ HF ₃ Cl ₄ -tetrachlorotrifluoropropane	134237-37-9
HCFC-223	C ₃ HF ₃ Cl ₄ -1,1,1,3-tetrachloro-2,3,3-trifluoropropane	54002-59-4
HCFC-223	C ₃ HF ₃ Cl ₄ -1,1,2,3-tetrachloro-1,3,3-trifluoropropane	431-83-4
HCFC-223	C ₃ HF ₃ Cl ₄ -1,1,1,2-tetrachloro-3,3,3-trifluoropropane	431-81-2
HCFC-223ca	C ₃ HF ₃ Cl ₄ -1,1,3,3-tetrachloro-1,2,2-trifluoropropane	422-52-6
HCFC-223cb	C ₃ HF ₃ Cl ₄ -1,1,1,3-tetrachloro-2,2,3-trifluoropropane	422-50-4
HCFC-223	C ₃ HF ₃ Cl ₄ -1,2,3,3-tetrachloro-1,1,2-trifluoropropane	422-41-3
HCFC-223	C ₃ HF ₃ Cl ₄ -2,2,3,3-tetrachloro-1,1,1-trifluoropropane	422-35-5
HCFC-223	C ₃ HF ₃ Cl ₄ -1,1,2,2-tetrachloro-1,3,3-trifluoropropane	422-29-7
HCFC-223	C ₃ HF ₃ Cl ₄ -1,1,1,2-tetrachloro-2,3,3-trifluoropropane	NA
HCFC-223	C ₃ HF ₃ Cl ₄ -1,1,3,3-tetrachloro-1,2,3-trifluoropropane	NA
HCFC-223	C ₃ HF ₃ Cl ₄ -1,2,2,3-tetrachloro-1,1,3-trifluoropropane	NA
HCFC-223	C ₃ HF ₃ Cl ₄ -1,1,2,3-tetrachloro-1,2,3-trifluoropropane	NA
HCFC-224	C ₃ HF ₄ Cl ₃ -trichlorotetrafluoropropane	127564-91-4
HCFC-224	C ₃ HF ₄ Cl ₃ -trichlorotetrafluoropropane	134237-38-0
HCFC-224	C ₃ HF ₄ Cl ₃ -1,1,3-trichloro-1,2,3,3-tetrafluoropropane	53063-53-9
HCFC-224	C ₃ HF ₄ Cl ₃ -1,1,1-trichloro-2,3,3,3-tetrafluoropropane	53063-52-8
HCFC-224	C ₃ HF ₄ Cl ₃ -1,2,3-trichloro-1,1,3,3-tetrafluoropropane	431-85-6
HCFC-224	C ₃ HF ₄ Cl ₃ -1,1,2-trichloro-1,3,3,3-tetrafluoropropane	431-84-5
HCFC-224ca	C ₃ HF ₄ Cl ₃ -1,3,3-trichloro-1,1,2,2-tetrafluoropropane	422-54-8
HCFC-224cb	C ₃ HF ₄ Cl ₃ -1,1,3-trichloro-1,2,2,3-tetrafluoropropane	422-53-7
HCFC-224cc	C ₃ HF ₄ Cl ₃ -1,1,1-trichloro-2,2,3,3-tetrafluoropropane	422-51-5
HCFC-224	C ₃ HF ₄ Cl ₃ -2,3,3-trichloro-1,1,1,2-tetrafluoropropane	422-47-9
HCFC-224	C ₃ HF ₄ Cl ₃ -1,2,3-trichloro-1,1,2,3-tetrafluoropropane	422-42-4
HCFC-224	C ₃ HF ₄ Cl ₃ -1,2,2-trichloro-1,1,3,3-tetrafluoropropane	422-32-2
HCFC-224	C ₃ HF ₄ Cl ₃ -2,2,3-trichloro-1,1,1,3-tetrafluoropropane	NA
HCFC-224	C ₃ HF ₄ Cl ₃ -1,1,2-trichloro-1,2,3,3-tetrafluoropropane	NA
HCFC-225	C ₃ HF ₅ Cl ₂ -dichloropentafluoropropane	127564-92-5
HCFC-225	C ₃ HF ₅ Cl ₂ -1,3-dichloro-1,1,2,3,3-pentafluoropropane	136013-79-1
HCFC-225aa	C ₃ HF ₅ Cl ₂ -2,2-dichloro-1,1,1,3,3-pentafluoropropane	128903-21-9
HCFC-225	C ₃ HF ₅ Cl ₂ -1,1-dichloro-1,2,3,3,3-pentafluoropropane	111512-56-2
HCFC-225	C ₃ HF ₅ Cl ₂ -2,3-dichloro-1,1,1,2,3-pentafluoropropane	111512-55-1
HCFC-225	C ₃ HF ₅ Cl ₂ -2,3-dichloro-1,1,1,2,3-pentafluoropropane	111512-51-7
HCFC-225cc	C ₃ HF ₅ Cl ₂ -1,1-dichloro-1,2,2,3,3-pentafluoropropane	13474-88-9
HCFC-225cb	C ₃ HF ₅ Cl ₂ -1,3-dichloro-1,1,2,2,3-pentafluoropropane	507-55-1

TABLE F (continued)

	Chemical	CAS Number
HCFC-225da	C ₃ HF ₅ Cl ₂ -1,2-dichloro-1,1,3,3,3-pentafluoropropane	431-86-7
HCFC-225ca	C ₃ HF ₅ Cl ₂ -3,3-dichloro-1,1,1,2,2-pentafluoropropane	422-56-0
HCFC-225ba	C ₃ HF ₅ Cl ₂ -2,3-dichloro-1,1,1,2,3-pentafluoropropane	422-48-0
HCFC-225	C ₃ HF ₅ Cl ₂ -1,2-dichloro-1,1,2,3,3-pentafluoropropane	422-44-6
HCFC-226	C ₃ HF ₆ Cl -chlorohexafluoropropane	28987-04-4
HCFC-226	C ₃ HF ₆ Cl -chlorohexafluoropropane	134308-72-8
HCFC-226ba	C ₃ HF ₆ Cl -2-chloro-1,1,1,2,3,3-hexafluoropropane	51346-64-6
HCFC-226da	C ₃ HF ₆ Cl -2-chloro-1,1,1,3,3,3-hexafluoropropane	431-87-8
HCFC-226ca	C ₃ HF ₆ Cl -3-chloro-1,1,1,2,2,3-hexafluoropropane	422-57-1
HCFC-226cb	C ₃ HF ₆ Cl -1-chloro-1,1,2,2,3,3-hexafluoropropane	422-55-9
HCFC-226ea	C ₃ HF ₆ Cl -1-chloro-1,1,2,3,3,3-hexafluoropropane	359-58-0
HCFC-231	C ₃ H ₂ FCl ₅ -pentachlorofluoropropane	NA
HCFC-231	C ₃ H ₂ FCl ₅ -pentachlorofluoropropane	134190-48-0
HCFC-231	C ₃ H ₂ FCl ₅ -1,1,1,2,3-pentachloro-2-fluoropropane	421-94-3
HCFC-231	C ₃ H ₂ FCl ₅ -1,1,2,3,3-pentachloro-2-fluoropropane	NA
HCFC-231	C ₃ H ₂ FCl ₅ -1,1,1,3,3-pentachloro-3-fluoropropane	NA
HCFC-231	C ₃ H ₂ FCl ₅ -1,1,2,2,3-pentachloro-1-fluoropropane	NA
HCFC-231	C ₃ H ₂ FCl ₅ -1,1,1,2,2-pentachloro-3-fluoropropane	NA
HCFC-231	C ₃ H ₂ FCl ₅ -1,1,1,2,3-pentachloro-3-fluoropropane	NA
HCFC-231	C ₃ H ₂ FCl ₅ -1,1,1,3,3-pentachloro-2-fluoropropane	NA
HCFC-231	C ₃ H ₂ FCl ₅ -1,1,2,2,3-pentachloro-3-fluoropropane	NA
HCFC-231	C ₃ H ₂ FCl ₅ -1,1,2,3,3-pentachloro-1-fluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -tetrachlorodifluoropropane	127564-82-3
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -tetrachlorodifluoropropane	134237-39-1
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,2,3,3-tetrachloro-1,1-difluoropropane	67879-59-8
HCFC-232ca	C ₃ H ₂ F ₂ Cl ₄ -1,1,3,3-tetrachloro-2,2-difluoropropane	1112-14-7
HCFC-232cb	C ₃ H ₂ F ₂ Cl ₄ -1,1,1,3-tetrachloro-2,2-difluoropropane	677-54-3
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,1,3-tetrachloro-3,3-difluoropropane	460-89-9
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,1,3-tetrachloro-2,3-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,1,2-tetrachloro-2,3-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,1,2-tetrachloro-3,3-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,3,3-tetrachloro-1,2-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,2,3-tetrachloro-1,2-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,2,3-tetrachloro-1,3-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,2,3,3-tetrachloro-1,2-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,2,2,3-tetrachloro-1,1-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,2,2,3-tetrachloro-1,3-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,3,3-tetrachloro-1,3-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,2,2-tetrachloro-3,3-difluoropropane	NA
HCFC-232	C ₃ H ₂ F ₂ Cl ₄ -1,1,2,2-tetrachloro-1,3-difluoropropane	NA
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -trichlorotrifluoropropane	61623-04-9
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -trichlorotrifluoropropane	134237-40-4
HCFC-233ca	C ₃ H ₂ F ₃ Cl ₃ -1,1,3-trichloro-2,2,3-trifluoropropane	131221-36-8
HCFC-233cc	C ₃ H ₂ F ₃ Cl ₃ -1,1,1-trichloro-2,2,3-trifluoropropane	131211-71-7
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,1,3-trichloro-1,2,3-trifluoropropane	54377-32-1
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,1,1-trichloro-2,3,3-trifluoropropane	54306-56-8
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,1,2-trichloro-2,3,3-trifluoropropane	13058-99-6
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,1,1-trichloro-3,3,3-trifluoropropane	7125-84-0
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -2,2,3-trichloro-1,1,1-trifluoropropane	7125-83-9
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -2,3,3-trichloro-1,1,1-trifluoropropane	431-51-6
HCFC-233cb	C ₃ H ₂ F ₃ Cl ₃ -1,1,3-trichloro-1,2,2-trifluoropropane	421-99-8
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,2,3-trichloro-1,1,2-trifluoropropane	421-95-4
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,1,3-trichloro-1,3,3-trifluoropropane	333-26-6

TABLE F (continued)

	Chemical	CAS Number
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,1,2-trichloro-1,2,3-trifluoropropane	NA
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,2,3-trichloro-1,2,3-trifluoropropane	NA
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,1,2-trichloro-1,3,3-trifluoropropane	NA
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,3,3-trichloro-1,1,2-trifluoropropane	NA
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -2,2,3-trichloro-1,1,3-trifluoropropane	NA
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,2,3-trichloro-1,1,3-trifluoropropane	NA
HCFC-233	C ₃ H ₂ F ₃ Cl ₃ -1,2,2-trichloro-1,1,3-trifluoropropane	NA
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -dichlorotetrafluoropropane	127564-83-4
HCFC-234fa	C ₃ H ₂ F ₄ Cl ₂ -1,3-dichloro-1,1,3,3-tetrafluoropropane	76140-39-1
HCFC-234ca	C ₃ H ₂ F ₄ Cl ₂ -1,3-dichloro-1,2,2,3-tetrafluoropropane	70341-81-0
HCFC-234cd	C ₃ H ₂ F ₄ Cl ₂ -1,1-dichloro-1,2,2,3-tetrafluoropropane	70192-63-1
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -1,1-dichloro-1,3,3,3-tetrafluoropropane	64712-27-2
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -1,3-dichloro-1,1,2,3-tetrafluoropropane	53149-65-8
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -1,3-dichloro-1,1,2,3-tetrafluoropropane	5306355-1
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -3,3-dichloro-1,1,1,2-tetrafluoropropane	53063-54-0
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -2,2-dichloro-1,1,3,3-tetrafluoropropane	17705-30-5
HCFC-234cb	C ₃ H ₂ F ₄ Cl ₂ -1,1-dichloro-2,2,3,3-tetrafluoropropane	4071-01-6
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -1,2-dichloro-1,2,3,3-tetrafluoropropane	425-94-5
HCFC-234cc	C ₃ H ₂ F ₄ Cl ₂ -1,3-dichloro-1,1,2,2-tetrafluoropropane	422-00-5
HCFC-234da	C ₃ H ₂ F ₄ Cl ₂ -2,3-dichloro-1,1,1,3-tetrafluoropropane	NA
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -1,1-dichloro-1,2,3,3-tetrafluoropropane	NA
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -1,2-dichloro-1,1,3,3-tetrafluoropropane	NA
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -2,3-dichloro-1,1,1,2-tetrafluoropropane	NA
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -2,2-dichloro-1,1,1,3-tetrafluoropropane	NA
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -1,2-dichloro-1,1,2,3-tetrafluoropropane	NA
HCFC-234	C ₃ H ₂ F ₄ Cl ₂ -1,3-dichloro-1,1,2,3-tetrafluoropropane	NA
HCFC-235	C ₃ H ₂ F ₅ Cl -chloropentafluoropropane	108662-83-5
HCFC-235	C ₃ H ₂ F ₅ Cl -chloropentafluoropropane	134237-83-5
HCFC-235	C ₃ H ₂ F ₅ Cl -3-chloro-1,1,1,2,3-pentafluoropropane	134251-06-2
HCFC-235da	C ₃ H ₂ F ₅ Cl -2-chloro-1,1,1,3,3-pentafluoropropane	28103-66-4
HCFC-235ca	C ₃ H ₂ F ₅ Cl -1-chloro-1,2,2,3,3-pentafluoropropane	679-99-2
HCFC-235cc	C ₃ H ₂ F ₅ Cl -1-chloro-1,1,2,2,3-pentafluoropropane	677-55-4
HCFC-235fa	C ₃ H ₂ F ₅ Cl -1-chloro-1,1,3,3,3-pentafluoropropane	460-92-4
HCFC-235cb	C ₃ H ₂ F ₅ Cl -3-chloro-1,1,1,2,2-pentafluoropropane	422-02-6
HCFC-235	C ₃ H ₂ F ₅ Cl -2-chloro-1,1,1,2,3-pentafluoropropane	NA
HCFC-235	C ₃ H ₂ F ₅ Cl -1-chloro-1,1,2,3,3-pentafluoropropane	NA
HCFC-235	C ₃ H ₂ F ₅ Cl -2-chloro-1,1,2,3,3-pentafluoropropane	NA
HCFC-241	C ₃ H ₃ FCl ₄ -tetrachlorofluoropropane	NA
HCFC-241	C ₃ H ₃ FCl ₄ -tetrachlorofluoropropane	134190-49-1
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,1,2-tetrachloro-3-fluoropropane	84816-05-7
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,1,3-tetrachloro-3-fluoropropane	23153-22-2
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,2,3-tetrachloro-3-fluoropropane	21981-25-9
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,2,2-tetrachloro-1-fluoropropane	7126-06-9
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,1,2-tetrachloro-2-fluoropropane	3175-26-6
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,1,2-tetrachloro-2-fluoropropane	3175-25-5
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,2,3-tetrachloro-1-fluoropropane	666-27-3
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,1,3-tetrachloro-2-fluoropropane	NA
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,2,2-tetrachloro-3-fluoropropane	NA
HCFC-241	C ₃ H ₃ FCl ₄ -1,2,2,3-tetrachloro-1-fluoropropane	NA
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,3,3-tetrachloro-1-fluoropropane	NA
HCFC-241	C ₃ H ₃ FCl ₄ -1,1,3,3-tetrachloro-2-fluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -trichlorodifluoropropane	127564-90-3
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -trichlorodifluoropropane	134237-42-6

TABLE F (continued)

	Chemical	CAS Number
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,3,3-trichloro-1,1-difluoropropane	460-63-9
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,2,3-trichloro-1,2-difluoropropane	7164-14-9
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,3-trichloro-2,2-difluoropropane	1112-13-6
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,2,3-trichloro-1,1-difluoropropane	431-24-3
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,1-trichloro-2,2-difluoropropane	1112-05-6
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,2,2-trichloro-1,1-difluoropropane	7126-05-8
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,2-trichloro-1,2-difluoropropane	7126-04-7
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,1-trichloro-2,3-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,2-trichloro-1,3-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,3-trichloro-1,2-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,2-trichloro-2,3-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,2,2-trichloro-1,3-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -2,2,3-trichloro-1,1-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,1-trichloro-3,3-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,3-trichloro-1,3-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,2-trichloro-3,3-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,1,3-trichloro-2,3-difluoropropane	NA
HCFC-242	C ₃ H ₃ F ₂ Cl ₃ -1,2,3-trichloro-1,3-difluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -dichlorotrifluoropropane	116890-51-8
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -dichlorotrifluoropropane	134237-43-7
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -2,2-dichloro-1,1,1-trifluoropropane	7126-01-4
HCFC-243cc	C ₃ H ₃ F ₃ Cl ₂ -1,1-dichloro-1,2,2-trifluoropropane	7125-99-7
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -1,2-dichloro-1,1,2-trifluoropropane	7126-00-3
HCFC-243da	C ₃ H ₃ F ₃ Cl ₂ -2,3-dichloro-1,1,1-trifluoropropane	338-75-0
HCFC-243ca	C ₃ H ₃ F ₃ Cl ₂ -1,3-dichloro-1,2,2-trifluoropropane	67406-68-2
HCFC-243cb	C ₃ H ₃ F ₃ Cl ₂ -1,1-dichloro-2,2,3-trifluoropropane	70192-70-0
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -3,3-dichloro-1,1,1-trifluoropropane	460-69-5
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -1,3-dichloro-1,1,2-trifluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -1,2-dichloro-1,1,3-trifluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -1,1-dichloro-1,2,3-trifluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -2,3-dichloro-1,1,2-trifluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -2,2-dichloro-1,1,3-trifluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -1,2-dichloro-1,2,3-trifluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -1,3-dichloro-1,1,3-trifluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -3,3-dichloro-1,1,2-trifluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -2,3-dichloro-1,1,3-trifluoropropane	NA
HCFC-243	C ₃ H ₃ F ₃ Cl ₂ -1,3-dichloro-1,2,3-trifluoropropane	NA
HCFC-244	C ₃ H ₃ F ₄ Cl -chlorotetrafluoropropane	NA
HCFC-244	C ₃ H ₃ F ₄ Cl -chlorotetrafluoropropane	134190-50-4
HCFC-244db	C ₃ H ₃ F ₄ Cl -2-chloro-1,1,1,3-tetrafluoropropane	117970-90-8
HCFC-244ca	C ₃ H ₃ F ₄ Cl -3-chloro-1,1,2,2-tetrafluoropropane	679-85-6
HCFC-244cb	C ₃ H ₃ F ₄ Cl -1-chloro-1,2,2,3-tetrafluoropropane	67406-66-0
HCFC-244fb	C ₃ H ₃ F ₄ Cl -1-chloro-1,1,3,3-tetrafluoropropane	2730-64-5
HCFC-244da	C ₃ H ₃ F ₄ Cl -2-chloro-1,1,3,3-tetrafluoropropane	19041-02-2
HCFC-244bb	C ₃ H ₃ F ₄ Cl -2-chloro-1,1,1,2-tetrafluoropropane	421-73-8
HCFC-244cc	C ₃ H ₃ F ₄ Cl -1-chloro-1,1,2,2-tetrafluoropropane	421-75-0
HCFC-244	C ₃ H ₃ F ₄ Cl -1-chloro-1,1,2,3-tetrafluoropropane	NA
HCFC-244	C ₃ H ₃ F ₄ Cl -3-chloro-1,1,1,2-tetrafluoropropane	NA
HCFC-244	C ₃ H ₃ F ₄ Cl -2-chloro-1,1,2,3-tetrafluoropropane	NA
HCFC-244	C ₃ H ₃ F ₄ Cl -3-chloro-1,1,1,3-tetrafluoropropane	NA
HCFC-244	C ₃ H ₃ F ₄ Cl -3-chloro-1,1,2,3-tetrafluoropropane	NA
HCFC-251	C ₃ H ₄ FCl ₃ -trichlorofluoropropane	NA

TABLE F (continued)

	Chemical	CAS Number
HCFC-251	C ₃ H ₄ FCl ₃ -trichlorofluoropropane	134190-51-5
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,3-trichloro-1-fluoropropane	84847-80-3
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,3-trichloro-1-fluoropropane	84847-79-0
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,3-trichloro-1-fluoropropane	76985-34-7
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,3-trichloro-1-fluoropropane	76985-33-6
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,3-trichloro-1-fluoropropane	67832-50-2
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,3-trichloro-1-fluoropropane	67832-44-4
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,3-trichloro-2-fluoropropane	7126-16-1
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,2-trichloro-3-fluoropropane	70192-89-1
HCFC-251	C ₃ H ₄ FCl ₃ -1,1,3-trichloro-1-fluoropropane	818-99-5
HCFC-251	C ₃ H ₄ FCl ₃ -1,1,3-trichloro-2-fluoropropane	76937-36-5
HCFC-251	C ₃ H ₄ FCl ₃ -1,1,2-trichloro-1-fluoropropane	421-41-0
HCFC-251	C ₃ H ₄ FCl ₃ -1,1,2-trichloro-2-fluoropropane	3175-24-4
HCFC-251	C ₃ H ₄ FCl ₃ -1,1,1-trichloro-2-fluoropropane	NA
HCFC-251	C ₃ H ₄ FCl ₃ -1,1,1-trichloro-3-fluoropropane	NA
HCFC-251	C ₃ H ₄ FCl ₃ -1,1,2-trichloro-3-fluoropropane	NA
HCFC-251	C ₃ H ₄ FCl ₃ -1,1,3-trichloro-3-fluoropropane	NA
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,2-trichloro-1-fluoropropane	NA
HCFC-251	C ₃ H ₄ FCl ₃ -1,2,3-trichloro-1-fluoropropane	NA
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -dichlorodifluoropropane	NA
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -dichlorodifluoropropane	134190-52-6
HCFC-252cb	C ₃ H ₄ F ₂ Cl ₂ -1,1-dichloro-2,2-difluoropropane	1112-01-2
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,1-dichloro-3,3-difluoropropane	131404-17-6
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,1-dichloro-1,3-difluoropropane	121612-64-4
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,2-dichloro-1,1-difluoropropane	7126-15-0
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,2-dichloro-2,3-difluoropropane	70192-74-4
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -2,3-dichloro-1,1-difluoropropane	82578-00-5
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,3-dichloro-1,1-difluoropropane	819-00-1
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,3-dichloro-1,2-difluoropropane	111483-26-2
HCFC-252ca	C ₃ H ₄ F ₂ Cl ₂ -1,3-dichloro-2,2-difluoropropane	1112-36-3
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,1-dichloro-1,2-difluoropropane	NA
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,1-dichloro-2,3-difluoropropane	NA
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,2-dichloro-1,2-difluoropropane	NA
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,2-dichloro-1,3-difluoropropane	NA
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -1,3-dichloro-1,3-difluoropropane	NA
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -2,2-dichloro-1,1-difluoropropane	NA
HCFC-252	C ₃ H ₄ F ₂ Cl ₂ -2,2-dichloro-1,3-difluoropropane	NA
HCFC-253	C ₃ H ₄ F ₃ Cl -chlorotrifluoropropane	26588-23-8
HCFC-253	C ₃ H ₄ F ₃ Cl -chlorotrifluoropropane	134237-44-8
HCFC-253	C ₃ H ₄ F ₃ Cl -2-chloro-1,1,1-trifluoropropane	421-47-6
HCFC-253	C ₃ H ₄ F ₃ Cl -3-chloro-1,1,1-trifluoropropane	460-35-5
HCFC-253	C ₃ H ₄ F ₃ Cl -1-chloro-1,1,2-trifluoropropane	134251-05-1
HCFC-253	C ₃ H ₄ F ₃ Cl -2-chloro-1,1,2-trifluoropropane	69202-10-4
HCFC-253	C ₃ H ₄ F ₃ Cl -3-chloro-1,1,2-trifluoropropane	121612-65-5
HCFC-253	C ₃ H ₄ F ₃ Cl -1-chloro-1,1,3-trifluoropropane	83124-56-5
HCFC-253cb	C ₃ H ₄ F ₃ Cl -1-chloro-1,2,2-trifluoropropane	70192-76-6
HCFC-253ca	C ₃ H ₄ F ₃ Cl -1-chloro-2,2,3-trifluoropropane	56758-54-4
HCFC-253	C ₃ H ₄ F ₃ Cl -2-chloro-1,1,3-trifluoropropane	NA
HCFC-253	C ₃ H ₄ F ₃ Cl -3-chloro-1,1,3-trifluoropropane	NA
HCFC-253	C ₃ H ₄ F ₃ Cl -1-chloro-1,2,3-trifluoropropane	NA
HCFC-253	C ₃ H ₄ F ₃ Cl -2-chloro-1,2,3-trifluoropropane	NA
HCFC-261	C ₃ H ₅ FCl ₂ -dichlorofluoropropane	127404-11-9
HCFC-261	C ₃ H ₅ FCl ₂ -dichlorofluoropropane	134237-45-9

TABLE F (continued)

	Chemical	CAS Number
HCFC-261	C ₃ H ₅ FCl ₂ -1,1-dichloro-1-fluoropropane	7799-56-6
HCFC-261	C ₃ H ₅ FCl ₂ -1,1-dichloro-2-fluoropropane	53074-31-0
HCFC-261	C ₃ H ₅ FCl ₂ -1,1-dichloro-3-fluoropropane	53074-30-9
HCFC-261	C ₃ H ₅ FCl ₂ -1,2-dichloro-1-fluoropropane	7799-55-5
HCFC-261ba	C ₃ H ₅ FCl ₂ -1,2-dichloro-2-fluoropropane	420-97-3
HCFC-261	C ₃ H ₅ FCl ₂ -1,2-dichloro-3-fluoropropane	453-01-0
HCFC-261	C ₃ H ₅ FCl ₂ -1,3-dichloro-1-fluoropropane	83124-60-1
HCFC-261	C ₃ H ₅ FCl ₂ -1,3-dichloro-2-fluoropropane	816-38-6
HCFC-261	C ₃ H ₅ FCl ₂ -2,2-dichloro-1-fluoropropane	NA
HCFC-262	C ₃ H ₅ F ₂ Cl -chlorodifluoropropane	NA
HCFC-262	C ₃ H ₅ F ₂ Cl -chlorodifluoropropane	134190-53-7
HCFC-262	C ₃ H ₅ F ₂ Cl -1-chloro-1,1-difluoropropane	421-02-3
HCFC-262	C ₃ H ₅ F ₂ Cl -2-chloro-1,1-difluoropropane	430-93-3
HCFC-262	C ₃ H ₅ F ₂ Cl -3-chloro-1,1-difluoropropane	83124-57-6
HCFC-262	C ₃ H ₅ F ₂ Cl -1-chloro-1,2-difluoropropane	430-96-6
HCFC-262	C ₃ H ₅ F ₂ Cl -1-chloro-2,3-difluoropropane	37161-81-2
HCFC-262	C ₃ H ₅ F ₂ Cl -2-chloro-1,3-difluoropropane	102738-79-4
HCFC-262ca	C ₃ H ₅ F ₂ Cl -1-chloro-2,2-difluoropropane	420-99-5
HCFC-262	C ₃ H ₅ F ₂ Cl -2-chloro-1,2-difluoropropane	NA
HCFC-262	C ₃ H ₅ F ₂ Cl -1-chloro-1,3-difluoropropane	NA
HCFC-271	C ₃ H ₆ FCI -chlorofluoropropane	NA
HCFC-271	C ₃ H ₆ FCI -chlorofluoropropane	134190-54-8
HCFC-271	C ₃ H ₆ FCI -1-chloro-1-fluoropropane	430-55-7
HCFC-271	C ₃ H ₆ FCI -1-chloro-2-fluoropropane	430-46-6
HCFC-271	C ₃ H ₆ FCI -1-chloro-3-fluoropropane	462-38-4
HCFC-271	C ₃ H ₆ FCI -2-chloro-1-fluoropropane	20372-78-5
HCFC-271	C ₃ H ₆ FCI -2-chloro-2-fluoropropane	420-44-0
	All isomers of the above chemicals	