



New greenhouse gas pollutants

Pollutant Code	Short Description	CAS No.	GWP
HFC-227ca	1,1,1,2,2,3,3-HEPTAFLUOROPROPANE	2252-84-8	2640
HFC-329p	1,1,1,2,2,3,3,4,4-NONAFLUOROBUTANE	375-17-7	2360
HFC-245cb	1,1,1,2,2-PENTAFLUOROPROPANE	1814-88-6	4620
HFC-245ea	1,1,2,3,3-PENTAFLUOROPROPANE	24270-66-4	235
HFC-245eb	1,1,1,2,3-PENTAFLUOROPROPANE	431-31-2	290
HFC-263fb	1,1,1-TRIFLUOROPROPANE	421-07-8	76
HFC-272ca	2,2-DIFLUOROPROPANE	420-45-1	144
PFC-6-1-12	HEXADECAFLUOROHEPTANE	335-57-9	7820
PFC-7-1-18	OCTADECAFLUROOCTANE	307-34-6	7620
HFE-329me3	1,1,1,2,3,3-HEXAFLURO-3-(TRIFLUOROMETHOXY)PROPANE	428454-68-6	4550
HFE-236ca	1-(DIFLUOROMETHOXY)-1,1,2,2-TETRAFLUROETHANE	32778-11-3	4240
HCFE-235ca2	2-CHLORO-1-(DIFLUOROMETHOXY)-1,1,2-TRIFLUOROETHANE	13838-16-9	583
HG-02	1DIFLUOROMETHOXY2(2(DIFLUOROMETHOXY)1122TETRAFLUROETHOXY)1122TETRAFLUROETHANE	205367-61-9	3825
HG-03	1,1,3,3,4,4,6,6,7,7,9,9,10,10,12,12-HEXADECAFLURO-2,5,8,11-TETRAOXADODECANE	173350-37-3	3670
HG-20	(DIFLUOROMETHOXY)((DIFLUOROMETHOXY)DIFLUOROMETHOXY)DIFLUOROMETHANE	249932-25-0	5300
HG-21	1,1,3,3,5,5,7,7,8,8,10,10-DODECAFLURO-2,4,6,9-TETRAOXADODECANE	249932-26-1	3890
HG-30	1,1,3,3,5,5,7,7,9,9-DECAFLURO-2,4,6,8-TETRAOXANONANE	188690-77-9	7330
HFE-263m1	1,1,2,2-TETRAFLURO-1-(TRIFLUOROMETHOXY)ETHANE	690-22-2	29
HFE-347mmz1	2-(DIFLUOROMETHOXY)-1,1,1,3,3,3-HEXAFLUROPROPANE	28523-86-6	216
HFE-365mcf2	1-ETHOXY-1,1,2,2,2-PENTAFLUROETHANE	22052-81-9	58
HFE-356mff2	BIS(2,2,2-TRIFLUOROETHYLTRIFLUOROETHYL) ETHER	333-36-8	17

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HG ¹ -01	1,1,2,2-TETRAFLUORO-1,2-DIMETHOXYETHANE	73287-23-7	222
HG ¹ -02	1,1,2,2-TETRAFLUORO-1-METHOXY-2-(1,1,2,2-TETRAFLUORO-2-METHOXYETHOXY)ETHANE	485399-46-0	236
HG ¹ -03	3,3,4,4,6,6,7,7,9,9,10,10-DODECAFLUORO-2,5,8,11-TETRAOXADODECANE	485399-48-2	221
PFC-1114	TETRAFLUOROETHYLENE (TFE)	116-14-3	0.004
PFC-1216	HEXAFLUOROPROPYLENE (HFP)	116-15-4	0.05
PFC C-1418	PERFLUOROCYCLOPENTENE	559-40-0	1.97
HFC-1132a	VINYLDIENE FLUORIDE	75-38-7	0.04
HFC-1141	VINYL FLUORIDE	75-02-5	0.02
(E)-HFC-1225ye	(E)-1,2,3,3,3-PENTAFLUOROPROP-1-ENE	5595-10-8	0.06
(Z)-HFC-1225ye	(Z)-1,2,3,3,3-PENTAFLUOROPROP-1-ENE	5528-43-8	0.22
SOLSTICE1233zd E	TRANS-1-CHLORO-3,3,3-TRIFLUOROPROP-1-ENE	102687-65-0	1.34
HFC-1234yf	2,3,3,3-TETRAFLUOROPROP-1-ENE	754-12-1	0.31
HFC-1234ze(E)	(E)-1,3,3,3-TETRAFLUOROPROP-1-ENE	1645-83-6	0.97
HFC-1234ze(Z)	(Z)-1,3,3,3-TETRAFLUOROPROP-1-ENE	29118-25-0	0.29
HFC-1243zf	TRIFLUORO PROPENE (TFP)	677-21-4	0.12
(Z)-HFC-1336	(Z)-1,1,1,4,4,4-HEXAFLUOROBUT-2-ENE	692-49-9	1.58
HFO-1345zfc	3,3,4,4,4-PENTAFLUOROBUT-1-ENE	374-27-6	0.09
CAPSTONE 42-U	PERFLUOROBUTYL ETHENE (42-U)	19430-93-4	0.16
CAPSTONE 62-U	PERFLUOROHEXYL ETHENE (62-U)	25291-17-2	0.11
CAPSTONE 82-U	PERFLUOROOCXYL ETHENE (82-U)	21652-58-4	0.09
PMVE	PERFLUOROMETHYL VINYL ETHER (PMVE)	1187-93-5	0.17
FLUOROXENE	(2,2,2-TRIFLUOROETHOXY)ETHENE	406-90-6	0.05
NOVEC 1230	FK-5-1-12 PERFLUOROKETONE	756-13-8	0.1
HALON 1202	DIBROMODIFLUOROMETHANE	75-61-6	231
HALON-2311	2-BROMO-2-CHLORO-1,1,1-TRIFLUOROETHANE	151-67-7	41
CIS,PERFLUORODEC	PERFLUORODECALIN (CIS)	60433-11-6	7240
TRANS,PERFLUOROD	PERFLUORODECALIN (TRANS)	60433-12-7	6290
PERFLUOROBUT2ENE	PERFLUOROBUT-2-ENE	360-89-4	1.82

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PERFLUOROBUT1ENE	PERFLUOROBUT-1-ENE	357-26-6	0.1
PERFLUOROBUT13DI	PERFLUOROBUTA-1,3-DIENE	685-63-2	0.003
444TRIFLUOROBUTA	4,4,4-TRIFLUOROBUTAN-1-OL	461-18-7	0.05
2,FLUOROETHANOL	2-FLUOROETHANOL	371-62-0	1.1
22DIFLUOROETHANO	2,2-DIFLUOROETHANOL	359-13-7	3
ACET,PERFLUOROET	PERFLUOROETHYL ACETATE	343269-97-6	2.1
ACET,TRIFLUOROME	TRIFLUOROMETHYL ACETATE	74123-20-9	2
ACET,PERFLUOROPR	PERFLUOROPROPYL ACETATE	1344118-10-0	1.8
ACET,PERFLUOROB	PERFLUOROBUTYL ACETATE	209597-28-4	1.6
TRIFLUOROIODOMET	TRIFLUOROIODOMETHANE	2314-97-8	0.4
ACET,ETHYL222TRI	ETHYL 2,2,2-TRIFLUOROACETATE	383-63-1	1.3
FORM,TRIFLUOROME	TRIFLUOROMETHYL FORMATE	85358-65-2	588
FORM,PERFLUOROET	PERFLUOROETHYL FORMATE	313064-40-3	580
FORM,1222TETRAFL	1,2,2,2-TETRAFLUOROETHYL FORMATE	481631-19-0	470
FORM,PERFLUOROB	PERFLUOROBUTYL FORMATE	197218-56-7	392
FORM,PERFLUOROPR	PERFLUOROPROPYL FORMATE	271257-42-2	376
FORM,111333HEXAF	1,1,1,3,3,3-HEXAFLUOROPROPAN-2-YL FORMATE	856766-70-6	333
FORM,222TRIFLUOR	2,2,2-TRIFLUOROETHYL FORMATE	32042-38-9	33
FORM,333TRIFLUOR	3,3,3-TRIFLUOROPROPYL FORMATE	1344118-09-7	17
ACET,METHYL222TR	METHYL 2,2,2-TRIFLUOROACETATE	431-47-0	52
ACET,11DIFLUOROE	1,1-DIFLUOROETHYL 2,2,2-TRIFLUOROACETATE	1344118-13-3	31
ACET,DIFLUOROMET	DIFLUOROMETHYL 2,2,2-TRIFLUOROACETATE	2024-86-4	27
ACET,222TRIFLUOR	2,2,2-TRIFLUOROETHYL 2,2,2-TRIFLUOROACETATE	407-38-5	7
ACET,METHYL22DIF	METHYL 2,2-DIFLUOROACETATE	433-53-4	3
METHYLCARBONOFLU	METHYL CARBONOFLUORIDATE	1538-06-3	95
PROPANOL,2233TET	2,2,3,3-TETRAFLUORO-1-PROPANOL	76-37-9	13
BUTANOL,223444HE	2,2,3,4,4,4-HEXAFLUORO-1-BUTANOL	382-31-0	17
11DIFLUOROETHYLC	1,1-DIFLUOROETHYL CARBONOFLUORIDATE	1344118-11-1	27
2233444HEPTAFLUO	2,2,3,3,4,4,4-HEPTAFLUOROBUTAN-1-OL	375-01-9	25

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222TRIFLUOROETHA	2,2,2-TRIFLUOROETHANOL	75-89-8	20
PROPANOL,333TRIF	3,3,3-TRIFLUORO-PROPANAL	460-40-2	0.01
333TRIFLUOROPROP	3,3,3-TRIFLUOROPROPAN-1-OL	2240-88-2	0.35
PROPANE,1112233H	1,1,1,2,2,3,3-HEPTAFLUORO-3-(1,2,2,2-TETRAFLUOROETHOXY)-PROPANE	3330-15-2	6490
ETHANE,112TRIFLU	1,1,2-TRIFLUORO-2-(TRIFLUOROMETHOXY)-ETHANE	84011-06-3	1240
TRIFLUORO(FLUORO	TRIFLUORO(FLUOROMETHOXY)METHANE	2261-01-0	751
DIFLUORO(METHOXY	DIFLUORO(METHOXY)METHANE	359-15-9	144
2CHLORO112TRIFLU	2-CHLORO-1,1,2-TRIFLUORO-1-METHOXYETHANE	425-87-6	122
1ETHOXY1122333HE	1-ETHOXY-1,1,2,2,3,3,3-HEPTAFLUOROPROPANE	22052-86-4	61
FURAN,2ETHOXY334	2ETHOXY33445PENTAFLUOROTETRAHYDRO25BIS1222TETRAFLUORO1TRIFLUOROMETHYLETHYLFURAN	920979-28-8	56
1ETHOXY112333HEX	1-ETHOXY-1,1,2,3,3,3-HEXAFLUOROPROPANE	380-34-7	23
FLUORO(METHOXY)M	FLUORO(METHOXY)METHANE	460-22-0	13
DIFLUORO(FLUROME	DIFLUORO(FLUOROMETHOXY)METHANE	461-63-2	617
FLUORO(FLUOROMET	FLUORO(FLUOROMETHOXY)METHANE	462-51-1	130
ETHER,METHYL2233	METHYL 2,2,3,3-TETRAFLUOROPROPYL ETHER	60598-17-6	0.49
ETHANE,1122TETRA	1,1,2,2-TETRAFLUORO-1-(FLUOROMETHOXY)ETHANE	37031-31-5	871
1OL33445566777UN	3,3,4,4,5,5,6,6,7,7,7-UNDECAFLUOROHEPTAN-1-OL	185689-57-0	0.43
1OL3344556677889	3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-PENTADECAFLUORONONAN-1-OL	755-02-2	0.33
PENTADECANE11334	11334466779910,10,12,12,13,13,15,15EICOSAFLUORO25811,14PENTAOXAPENTADECANE	173350-38-4	3630
DECAN1OL33445566	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-NONADECAFLUOROUNDECAN-1-OL	87017-97-8	0.19