

## ALLEGATO I

## SOSTANZE CONTROLLATE

Gruppo	Sostanza			Potenziale di riduzione dell'ozono (*)
Gruppo I	CFCl <sub>3</sub>	CFC-11	Triclorofluorometano	1,0
	CF <sub>2</sub> Cl <sub>2</sub>	CFC-12	Diclorodifluorometano	1,0
	C <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub>	CFC-113	Triclorotrifluoroetano	0,8
	C <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub>	CFC-114	Diclorotetrafluoroetano	1,0
	C <sub>2</sub> F <sub>5</sub> Cl	CFC-115	Cloropentafluoroetano	0,6
Gruppo II	CF <sub>3</sub> Cl	CFC-13	Clorotrifluorometano	1,0
	C <sub>2</sub> FCl <sub>5</sub>	CFC-111	Pentaclorofluoroetano	1,0
	C <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub>	CFC-112	Tetraclorodifluoroetano	1,0
	C <sub>3</sub> FCl <sub>7</sub>	CFC-211	Eptaclorofluoropropano	1,0
	C <sub>3</sub> F <sub>2</sub> Cl <sub>6</sub>	CFC-212	Esaclorodifluoropropano	1,0
	C <sub>3</sub> F <sub>3</sub> Cl <sub>5</sub>	CFC-213	Pentaclorotrifluoropropano	1,0
	C <sub>3</sub> F <sub>4</sub> Cl <sub>4</sub>	CFC-214	Tetraclorotetrafluoropropano	1,0
	C <sub>3</sub> F <sub>5</sub> Cl <sub>3</sub>	CFC-215	Tricloropentafluoropropano	1,0
	C <sub>3</sub> F <sub>6</sub> Cl <sub>2</sub>	CFC-216	Dicloroesafluoropropano	1,0
	C <sub>3</sub> F <sub>7</sub> Cl	CFC-217	Cloroepptafluoropropano	1,0
Gruppo III	CF <sub>2</sub> BrCl	halon-1211	Bromoclorodifluorometano	3,0
	CF <sub>3</sub> Br	halon-1301	Bromotrifluorometano	10,0
	C <sub>2</sub> F <sub>4</sub> Br <sub>2</sub>	halon-2402	Dibromotetrafluoroetano	6,0
Gruppo IV	CCl <sub>4</sub>	CTC	Tetraclorometano (tetracloruro di carbonio)	1,1
Gruppo V	C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub> (?)	1,1,1-TCA	1,1,1-tricloroetano (metilcloroformio)	0,1
Gruppo VI	CH <sub>3</sub> Br	bromuro di metile	Bromometano	0,6

Gruppo	Sostanza			Potenziale di riduzione dell'ozono (*)
Gruppo VII	CH <sub>2</sub> FBr <sub>2</sub>	HBFC-21 B2	Dibromofluorometano	1,00
	CHF <sub>2</sub> Br	HBFC-22 B1	Bromodifluorometano	0,74
	CH <sub>2</sub> FBr	HBFC-31 B1	Bromofluorometano	0,73
	C <sub>2</sub> H <sub>2</sub> FBr <sub>4</sub>	HBFC-121 B4	Tetrabromofluoroetano	0,8
	C <sub>2</sub> HF <sub>2</sub> Br <sub>3</sub>	HBFC-122 B3	Tribromodifluoroetano	1,8
	C <sub>2</sub> HF <sub>3</sub> Br <sub>2</sub>	HBFC-123 B2	Dibromotrifluoroetano	1,6
	C <sub>2</sub> HF <sub>4</sub> Br	HBFC-124 B1	Bromotetrafluoroetano	1,2
	C <sub>2</sub> H <sub>2</sub> FBr <sub>3</sub>	HBFC-131 B3	Tribromofluoroetano	1,1
	C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>2</sub>	HBFC-132 B2	Dibromodifluoroetano	1,5
	C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br	HBFC-133 B1	Bromotrifluoroetano	1,6
	C <sub>2</sub> H <sub>3</sub> FBr <sub>2</sub>	HBFC-141 B2	Dibromofluoroetano	1,7
	C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Br	HBFC-142 B1	Bromodifluoroetano	1,1
	C <sub>2</sub> H <sub>4</sub> FBr	HBFC-151 B1	Bromofluoroetano	0,1
	C <sub>3</sub> H <sub>2</sub> FBr <sub>6</sub>	HBFC-221 B6	Esabromofluoropropano	1,5
	C <sub>3</sub> HF <sub>2</sub> Br <sub>5</sub>	HBFC-222 B5	Pentabromodifluoropropano	1,9
	C <sub>3</sub> HF <sub>3</sub> Br <sub>4</sub>	HBFC-223 B4	Tetrabromotrifluoropropano	1,8
	C <sub>3</sub> HF <sub>4</sub> Br <sub>3</sub>	HBFC-224 B3	Tribromotetrafluoropropano	2,2
	C <sub>3</sub> HF <sub>5</sub> Br <sub>2</sub>	HBFC-225 B2	Dibromopentafluoropropano	2,0
	C <sub>3</sub> HF <sub>6</sub> Br	HBFC-226 B1	Bromoesafluoropropano	3,3
	C <sub>3</sub> H <sub>2</sub> FBr <sub>5</sub>	HBFC-231 B5	Pentabromofluoropropano	1,9
	C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>4</sub>	HBFC-232 B4	Tetrabromodifluoropropano	2,1
	C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub>	HBFC-233 B3	Tribromotrifluoropropano	5,6
	C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Br <sub>2</sub>	HBFC-234 B2	Dibromotetrafluoropropano	7,5
	C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br	HBFC-235 B1	Bromopentafluoropropano	1,4
	C <sub>3</sub> H <sub>3</sub> FBr <sub>4</sub>	HBFC-241 B4	Tetrabromofluoropropano	1,9
	C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Br <sub>3</sub>	HBFC-242 B3	Tribromodifluoropropano	3,1
	C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Br <sub>2</sub>	HBFC-243 B2	Dibromotrifluoropropano	2,5
	C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Br	HBFC-244 B1	Bromotetrafluoropropano	4,4
	C <sub>3</sub> H <sub>4</sub> FBr <sub>3</sub>	HBFC-251 B1	Tribromofluoropropano	0,3
	C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Br <sub>2</sub>	HBFC-252 B2	Dibromodifluoropropano	1,0
	C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Br	HBFC-253 B1	Bromotrifluoropropano	0,8
	C <sub>3</sub> H <sub>5</sub> FBr <sub>2</sub>	HBFC-261 B2	Dibromofluoropropano	0,4
C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Br	HBFC-262 B1	Bromodifluoropropano	0,8	
C <sub>3</sub> H <sub>6</sub> FBr	HBFC-271 B1	Bromofluoropropano	0,7	

Gruppo	Sostanza			Potenziale di riduzione dell'ozono <sup>(1)</sup>
Gruppo VIII	CHFC1 <sub>2</sub>	HCFC-21 <sup>(3)</sup>	Diclorofluorometano	0,040
	CHF <sub>2</sub> Cl	HCFC-22 <sup>(3)</sup>	Clorodifluorometano	0,055
	CH <sub>2</sub> FCl	HCFC-31	Clorofluorometano	0,020
	C <sub>2</sub> HFCl <sub>4</sub>	HCFC-121	Tetraclorofluoroetano	0,040
	C <sub>2</sub> HF <sub>2</sub> Cl <sub>3</sub>	HCFC-122	Triclorodifluoroetano	0,080
	C <sub>2</sub> HF <sub>3</sub> Cl <sub>2</sub>	HCFC-123 <sup>(3)</sup>	Diclorotrifluoroetano	0,020
	C <sub>2</sub> HF <sub>4</sub> Cl	HCFC-124 <sup>(3)</sup>	Clorotetrafluoroetano	0,022
	C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub>	HCFC-131	Triclorofluoroetano	0,050
	C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub>	HCFC-132	Diclorodifluoroetano	0,050
	C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Cl	HCFC-133	Clorotrifluoroetano	0,060
	C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub>	HCFC-141	Diclorofluoroetano	0,070
	CH <sub>3</sub> CFCl <sub>2</sub>	HCFC-141b <sup>(3)</sup>	1,1-Dicloro-1-fluoroetano	0,110
	C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl	HCFC-142	Clorodifluoroetano	0,070
	CH <sub>3</sub> CF <sub>2</sub> Cl	HCFC-142b <sup>(3)</sup>	1-Cloro-1,1-difluoroetano	0,065
	C <sub>2</sub> H <sub>4</sub> FCl	HCFC-151	Clorofluoroetano	0,005
	C <sub>3</sub> HFCl <sub>6</sub>	HCFC-221	Esaclorofluoropropano	0,070
	C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub>	HCFC-222	Pentaclorodifluoropropano	0,090
	C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub>	HCFC-223	Tetraclorotrifluoropropano	0,080
	C <sub>3</sub> HF <sub>4</sub> Cl <sub>3</sub>	HCFC-224	Triclorotetrafluoropropano	0,090
	C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub>	HCFC-225	Dicloropentafluoropropano	0,070
	CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub>	HCFC-225ca <sup>(3)</sup>	3,3-Dicloro-1,1,1,2,2-pentafluoropropano	0,025
	CF <sub>2</sub> ClCF <sub>2</sub> CHClF	HCFC-225cb <sup>(3)</sup>	1,3-Dicloro-1,1,2,2,3-pentafluoropropano	0,033
	C <sub>3</sub> HF <sub>6</sub> Cl	HCFC-226	Cloroesafluoropropano	0,100
	C <sub>3</sub> H <sub>2</sub> FCl <sub>5</sub>	HCFC-231	Pentaclorofluoropropano	0,090
	C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub>	HCFC-232	Tetraclorodifluoropropano	0,100
	C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub>	HCFC-233	Triclorotrifluoropropano	0,230
	C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub>	HCFC-234	Diclorotetrafluoropropano	0,280
	C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Cl	HCFC-235	Cloropentafluoropropano	0,520
	C <sub>3</sub> H <sub>3</sub> FCl <sub>4</sub>	HCFC-241	Tetraclorofluoropropano	0,090
	C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Cl <sub>3</sub>	HCFC-242	Triclorodifluoropropano	0,130
	C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Cl <sub>2</sub>	HCFC-243	Diclorotrifluoropropano	0,120
	C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Cl	HCFC-244	Clorotetrafluoropropano	0,140
	C <sub>3</sub> H <sub>4</sub> FCl <sub>3</sub>	HCFC-251	Triclorofluoropropano	0,010
C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Cl <sub>2</sub>	HCFC-252	Diclorodifluoropropano	0,040	
C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Cl	HCFC-253	Clorotrifluoropropano	0,030	
C <sub>3</sub> H <sub>5</sub> FCl <sub>2</sub>	HCFC-261	Diclorofluoropropano	0,020	
C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Cl	HCFC-262	Clorodifluoropropano	0,020	
C <sub>3</sub> H <sub>6</sub> FCl	HCFC-271	Clorofluoropropano	0,030	
Gruppo IX	CH <sub>2</sub> BrCl	BCM	Bromoclorometano	0,12

<sup>(1)</sup> Le cifre relative al potenziale di riduzione dell'ozono sono stime basate sulle attuali conoscenze e saranno riesaminate e modificate periodicamente in base alle decisioni adottate dalle parti.

<sup>(2)</sup> La formula non si riferisce all'1,1,2-tricloroetano.

<sup>(3)</sup> Identifica la sostanza più valida da un punto di vista commerciale, come prescritto dal protocollo.